

Prüfbericht-Nr.: <i>Test Report No.:</i>	17048716 003	Auftrags-Nr.: <i>Order No.:</i>	164033146	Seite 1 von 203 <i>Page 1 of 203</i>
Kunden-Referenz-Nr.: <i>Client Reference No.:</i>	N/A	Auftragsdatum: <i>Order date:</i>	30.03.2015	
Auftraggeber: <i>Client:</i>	Lightcomm Technology Co., Ltd. RM1708-10, 17/F, PROSPERITY CENTRE, 25 CHONG YIP STREET, KWUN TONG, HONG KONG			
Prüfgegenstand: <i>Test item:</i>	8" Wi-Fi Android™ Tablet			
Bezeichnung / Typ-Nr.: <i>Identification / Type No.:</i>	NS-P16AT08, MID8005-L			
Auftrags-Inhalt: <i>Order content:</i>	FCC/IC Certification			
Prüfgrundlage: <i>Test specification:</i>	CFR47 FCC Part 15: Subpart C Section 15.407 CFR47 FCC Part 15: Subpart C Section 15.207 CFR47 FCC Part 15: Subpart C Section 15.209 RSS-210 Issue 8 December 2010 RSS-Gen Issue 4 November 2014			
Wareneingangsdatum: <i>Date of receipt:</i>	15.04.2015			
Prüfmuster-Nr.: <i>Test sample No.:</i>	1500842, 1500843, 1500844			
Prüfzeitraum: <i>Testing period:</i>	18.04.2015 - 26.05.2015			
Ort der Prüfung: <i>Place of testing:</i>	Accurate Technology Co., Ltd. Shenzhen Academy of Metrology and Quality Inspection			
Prüflaboratorium: <i>Testing laboratory:</i>	TÜV Rheinland (Shenzhen) Co., Ltd.			
Prüfergebnis*: <i>Test result*:</i>	Pass			
geprüft von / tested by:		kontrolliert von / reviewed by:		
 26.05.2015 Owen Tian/Senior Project Manager Datum Name / Stellung Unterschrift Date Name / Position Signature		 26.05.2015 Winnie Hou/Technical Certifier Datum Name / Stellung Unterschrift Date Name / Position Signature		
Sonstiges / Other:				
Zustand des Prüfgegenstandes bei Anlieferung: <i>Condition of the test item at delivery:</i>		Prüfmuster vollständig und unbeschädigt <i>Test item complete and undamaged</i>		
* Legende: 1 = sehr gut 2 = gut 3 = befriedigend 4 = ausreichend 5 = mangelhaft P(ass) = entspricht o.g. Prüfgrundlage(n) F(ail) = entspricht nicht o.g. Prüfgrundlage(n) N/A = nicht anwendbar N/T = nicht getestet Legend: 1 = very good 2 = good 3 = satisfactory 4 = sufficient 5 = poor P(ass) = passed a.m. test specification(s) F(ail) = failed a.m. test specification(s) N/A = not applicable N/T = not tested				
Dieser Prüfbericht bezieht sich nur auf das o.g. Prüfmuster und darf ohne Genehmigung der Prüfstelle nicht auszugsweise vervielfältigt werden. Dieser Bericht berechtigt nicht zur Verwendung eines Prüfzeichens. <i>This test report only relates to the a. m. test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any test mark.</i>				

TEST SUMMARY

5.1.1 ANTENNA REQUIREMENT

RESULT: Pass

5.1.2 PEAK OUTPUT POWER

RESULT: Pass

5.1.3 26dB BANDWIDTH AND 99% BANDWIDTH

RESULT: Pass

5.1.4 6dB BANDWIDTH AND 99% BANDWIDTH

RESULT: Pass

5.1.5 POWER SPECTRAL DENSITY

RESULT: Pass

5.1.6 OUTSIDE BAND EMISSIONS

RESULT: Pass

5.1.7 SPURIOUS EMISSION

RESULT: Pass

5.1.8 CONDUCTED EMISSIONS

RESULT: Pass

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1. General Remarks

1.1 Complementary Materials

None.

2. Test Sites

2.1 Test Facilities

Accurate Technology Co., Ltd.

(FCC Registration No.: 752051)

(Test site Industry Canada No.: 5077A-2)

F1, Bldg. A, Changyuan New Material Port
Keyuan Rd., Science & Industry Park, Nanshan
Shenzhen, P.R. China

Shenzhen Academy of Metrology and Quality Inspection

(FCC Registration No.: 979748)

(Test site Industry Canada No.: 144376)

NETC Building, No. 4 Tongfa Rd., Xili, Nanshan, Shenzhen, China

The tests at the test site have been conducted under the supervision of a TÜV engineer.

2.2 List of Test and Measurement Instruments

Table 1: List of Test and Measurement Equipment

Kind of Equipment	Manufacturer	Type	S/N	Calibrated until
Transmitter spurious emissions & Receiver spurious emissions				
Spectrum Analyzer	Rohde & Schwarz	FSV40	101495	2016-01-09
Test Receiver	Rohde & Schwarz	ESCS30	100307	2016-01-09
Bilog Antenna	Schwarzbeck	VULB9163	9163-323	2016-01-14
Loop Antenna	Schwarzbeck	FMZB1516	1516131	2016-01-14
Horn Antenna	Schwarzbeck	BBHA9120D	9120D-655	2016-01-14
Horn Antenna	Schwarzbeck	BBHA9170	9170-359	2016-01-14
RF Switching Unit+PreAMP	Compliance Direction	RSU-M2	38322	2016-01-09
Pre-Amplifier	Rohde&Schwarz	CBLU11835 40-01	3791	2016-01-09
50 Coaxial Switch	Anritsu Corp	MP59B	620050647 4	2016-01-09
RF Coaxial Cable	SUHNER	N-3m	No.8	2016-01-09
RF Coaxial Cable	RESENBERGER	N-3.5m	No.9	2016-01-09
RF Coaxial Cable	SUHNER	N-6m	No.10	2016-01-09
RF Coaxial Cable	RESENBERGER	N-12m	No.11	2016-01-09
RF Coaxial Cable	RESENBERGER	N-0.5m	No.12	2016-01-09
Transmitter spurious emissions & Receiver spurious emissions (SMQ) (for 26.5 - 40GHz)				
EMI Receiver	Rohde & Schwarz	ESCI3	SB9058/05	2016-05-02
EMI Receiver	Rohde & Schwarz	ESU40	SB8501/09	2016-05-14
Horn Antenna	Rohde & Schwarz	3160-10	SB8501/12	2016-05-14
Radio Spectrum Test				
Spectrum Analyzer	Rohde & Schwarz	FSV40	101495	2016-01-09
Vector Signal Generator	Rohde & Schwarz	SMBV100A	260434	2016-01-09
Signal Generator	Rohde & Schwarz	SMB100A	108362	2016-01-09
Open Switch and Control Unit	Rohde & Schwarz	OSP120 + OSP-B157	101244 + 100866	2016-01-09
Conducted Emission				
Test Receiver	Rohde & Schwarz	ESCS30	100307	2016-01-09
L.I.S.N.	Schwarzbeck	NLSK8126	8126431	2016-01-09
Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100815	2016-01-09
50Ω Coaxial Switch	Anritsu Corp	MP59B	6200283933	2016-01-09
Voltage Probe	Schwarzbeck	TK9416	N/A	2016-01-09
RF Current Probe	Rohde & Schwarz	EZ-17	100048	2016-01-09
8-Wire Impedance Stabilisation Network	Schwarzbeck	CAT5 8158	8158-0035	2016-01-09
RF Coaxial Cable	Suhner	N-2m	No.2	2016-01-09
RF Coaxial Cable	Suhner	N-2m	No.3	2016-01-09
RF Coaxial Cable	Suhner	N-2m	No.14	2016-01-09

2.3 Traceability

All measurement equipment calibrations are traceable to NIST or where calibration is performed outside the United States, to equivalent nationally recognized standards organizations.

2.4 Calibration

Equipment requiring calibration is calibrated periodically by the manufacturer or according to manufacturer's specifications. Additionally all equipment is verified for proper performance on a regular basis using in house standards or comparisons.

2.5 Measurement Uncertainty

Table 2: Measurement Uncertainty

Parameter	Uncertainty
Radio Spectrum	$< \pm 0.60$ dB
Radiated emission of transmitter, valid up to 40 GHz	$< \pm 4.42$ dB
Conducted Emission	$< \pm 2.23$ dB
Radiated Emission	$< \pm 4.42$ dB

2.6 Location of Original Data

The original copies of all test data taken during actual testing were retained in the TÜV Rheinland (Shenzhen) file for certification follow-up purposes.

2.7 Status of Facility Used for Testing

Accurate Technology Co., Ltd. test facility located at F1, Bldg. A, Changyuan New Material Port Keyuan Rd., Science & Industry Park, Nanshan, Shenzhen, P.R. China and Shenzhen Academy of Metrology and Quality Inspection test facility located at NETC Building, No. 4 Tongfa Rd., Xili, Nanshan, Shenzhen, China are listed on the US Federal Communications Commission list of facilities approved to perform measurements.

3. General Product Information

3.1 Product Function and Intended Use

The EUTs are 8" tablet with Wi-Fi, Bluetooth & GPS function.
 Two models are identical except the model name.
 For details refer to the User Manual and Circuit Diagram.

3.2 Ratings and System Details

Table 3: Technical Specification of EUT

Technical Specification	Value
Kind of Equipment	8" Wi-Fi Android™ Tablet
Type Designation	NS-P16AT08, MID8005-L
FCC ID	XMF-MID8005
IC	20064-MID8005
Operating Frequency band	5180 – 5240MHz, 5745 – 5825MHz
Extreme Temperature Range	-30~+75°C
Operation Voltage	DC 3.7V (via built in battery)
	DC 5V (via AC/DC adapter)
Antenna Gain	2.3dBi

Table 4: Technical Specification of Wi-Fi

Item	Description (IEEE 802.11a)
Operating Frequency band (MHz)	5180 – 5240MHz, 5745 – 5825MHz
Channel Number	9
Modulation	OFDM (BPSK, QPSK, 16-QAM, 64-QAM)
Data Rate (Mbps)	6, 9, 12, 18, 24, 36, 48, 54
Transmitter Output Power (Typical) (dBm)	11
Media Access Protocol	CSMA/CA with ACK

Table 5: Carrier Frequency of 802.11a

Frequency Band	Channel No.	Frequency	Channel No.	Frequency
5180 – 5240MHz, 5745 – 5825MHz	36	5180 MHz	153	5765 MHz
	40	5200 MHz	157	5785 MHz
	44	5220 MHz	161	5805 MHz
	48	5240 MHz	165	5825 MHz
	149	5745 MHz		

3.3 Independent Operation Modes

The basic operation modes are:

- A. On, Wi-Fi mode (5180 – 5240MHz)
 - 1. Transmitting
 - a. Low Channel
 - b. High Channel
 - 2. Receiving
- B. On, Wi-Fi mode (5745 – 5825MHz)
 - 1. Transmitting
 - a. Low Channel
 - b. High Channel
 - 2. Receiving
- C. Standby
- D. Off

3.4 Noise Generating and Noise Suppressing Parts

Refer to the Circuit Diagram.

3.5 Submitted Documents

- | | |
|--------------------------|----------------------|
| - Bill of Material | - Circuit Diagram |
| - Constructional Drawing | - Instruction Manual |
| - PCB Layout | - Rating Label |
| - Photo Document | |

4. Test Set-up and Operation Modes

4.1 Principle of Configuration Selection

The equipment under test (EUT) was configured to measure its maximum power level. The test modes were adapted accordingly in reference to the instructions for use.

4.2 Test Operation and Test Software

Test operation refers to test setup in chapter 5. All testing were performed according to the procedures in ANSI C63.4: 2003 for FCC.

Test operation refers to test setup in chapter 5. All testing were performed according to the procedures in ANSI C63.4: 2014 & ANSI C63.10: 2013 for IC.

According to clause 3.1, all tests were applied on model NS-P16AT08 only.

4.3 Special Accessories and Auxiliary Equipment

The EUT was tested together with the following accessories:

Description	Manufacturer	Part No.	Rating
Notebook PC	Lenovo	ThinkPad X240	N/A
AC/DC Adapter	TEKA	TEKA012-0502000UK	Input: AC 100-240V, 50/60Hz, 0.35A Output: DC 5V, 2A

The EUT was tested with following cables:

Interface(s)/Port(s):	Max. cable length, shielding	Cable classification
AC Mains of adapter	2 cores, non-shielded port, 3m	AC Power Input
Micro USB port	4 cores, non-shielded port, 3m	DC Power Input

4.4 Countermeasures to Achieve ERM Compliance

The test sample which has been tested contained the noise suppression parts as described in the Technical Construction File (TCF). No additional measures were employed to achieve compliance.

4.5 Test Setup Diagram

Diagram of Measurement Configuration for Radiation Test

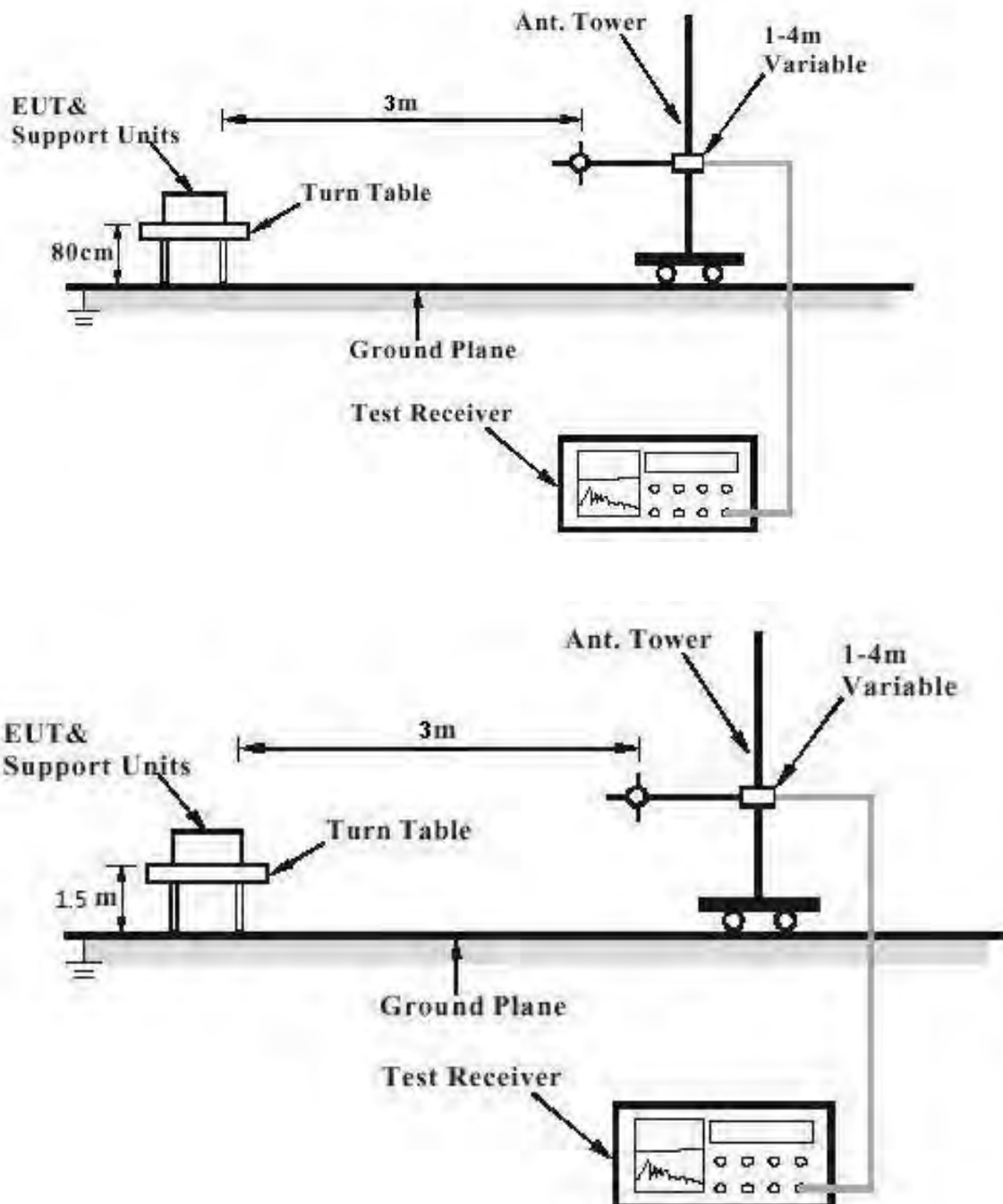


Diagram of Measurement Equipment Configuration for Conduction Measurement

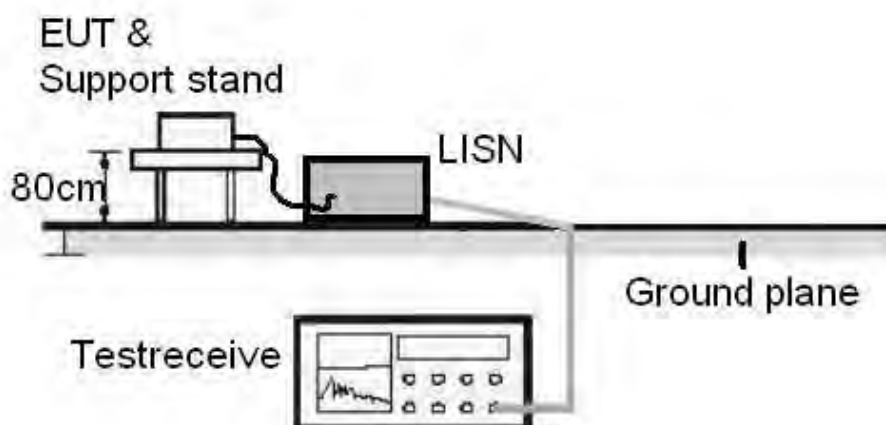
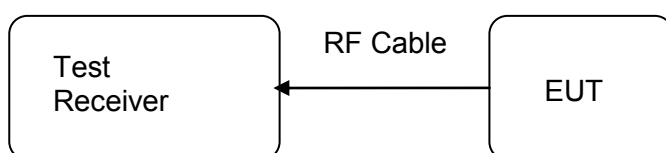


Diagram of Measurement Equipment Configuration for Transmitter Measurement



5. Test Results

5.1 Transmitter Requirement & Test Suites

5.1.1 Antenna Requirement

RESULT:**Pass**

Test standard	:	FCC Part 15.203 RSS-Gen Clause 6.7
Limit		The use of antennas with directional gains that do not exceed 6dBi

According to the manufacturer declared, the EUT has an internal antenna, the directional gain of antenna is 2.3dBi, and the antenna connector is designed with permanent attachment and no consideration of replacement. Therefore the EUT is considered sufficient to comply with the provision.

5.1.2 Peak Output Power

RESULT:
Pass

Test date : 2015-05-15
 Test standard : FCC Part 15.407(a)(1)
 FCC Part 15.407(a)(3)
 RSS-210 A9.2(1) for 5180 – 5240MHz
 RSS-210 A8.4(4) for 5745 – 5825MHz
 Basic standard : ANSI C63.4: 2003
 ANSI C63.4: 2014
 ANSI C63.10: 2013
 Limit : 1W for FCC
 10+10log₁₀B (5180 – 5240MHz) for IC (B = 17.8MHz)
 1W (5745 – 5825MHz) for IC
 Kind of test site : Shielded room

Test setup

Test Channel : All channel
 Operation Mode : A.1, B.1
 Ambient temperature : 25°C
 Relative humidity : 52%
 Atmospheric pressure : 101kPa

Table 6: Test result of Peak Output Power of 802.11a for FCC

Channel	Channel Frequency (MHz)	Peak Output Power (dBm)	Limit (dBm)
36	5180	7.7	30
40	5200	7.9	30
44	5220	7.2	30
48	5240	7.0	30
149	5745	10.11	30
153	5765	10.51	30
157	5785	10.27	30
161	5805	10.44	30
165	5825	10.12	30

Table 7: Test result of Peak Output Power of 802.11a for IC

Channel	Channel Frequency (MHz)	Peak Output Power (dBm)	Limit (dBm)
36	5180	7.7	22.5
40	5200	7.9	22.5
44	5220	7.2	22.5
48	5240	7.0	22.5
149	5745	10.11	30
153	5765	10.51	30
157	5785	10.27	30
161	5805	10.44	30
165	5825	10.12	30

Channel	Channel Frequency (MHz)	26dB Bandwidth (MHz)	99% Bandwidth (MHz)
36	5180	33.140	17.844
40	5200	31.476	17.844
44	5220	32.417	17.800
48	5240	31.693	17.800

5.1.4 6dB Bandwidth and 99% Bandwidth

RESULT:
Pass

Date of testing : 2015-05-15
 Test standard : FCC Part 15.407(e)
 RSS-210 A8.2(a)
 Basic standard : ANSI C63.4: 2003
 ANSI C63.4: 2014
 ANSI C63.10: 2013
 Limit : 500kHz for 6dB bandwidth
 Kind of test site : Shielded room

Test setup

Test Channel : All channel
 Operation Mode : B.1
 Ambient temperature : 25°C
 Relative humidity : 52%
 Atmospheric pressure : 101kPa

Table 9: Test result of 6dB & 99% Bandwidth of 802.11a

Channel	Channel Frequency (MHz)	6dB Bandwidth (MHz)	Limit (MHz)	99% Bandwidth (MHz)
149	5745	17.713	0.5	17.627
153	5765	17.699	0.5	17.627
157	5785	17.728	0.5	17.627
161	5805	17.757	0.5	17.670
165	5825	17.713	0.5	17.627

Channel	Channel (MHz)	Result (dBm/MHz)	Limit (dBm/MHz)	Conclusion
36	5180	1.14	10	Pass
40	5200	1.36	10	Pass
44	5220	1.52	10	Pass
48	5240	1.23	10	Pass
149	5745	-18.37	33	Pass
153	5765	-18.41	33	Pass
157	5785	-19.05	33	Pass
161	5805	-17.77	33	Pass
165	5825	-18.89	33	Pass

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5.1.6 Outside band emissions**RESULT:****Pass**

Date of testing	:	2015-05-26
Test standard	:	RSS-210 A9.2(1) for 5180 – 5240MHz RSS-210 A8.5 for 5745 – 5825MHz
Basic standard	:	ANSI C63.4: 2003 ANSI C63.4: 2014 ANSI C63.10: 2013
Limit	:	RSS-210 A9.2 RSS-210 A8.5
Kind of test site	:	Shield room

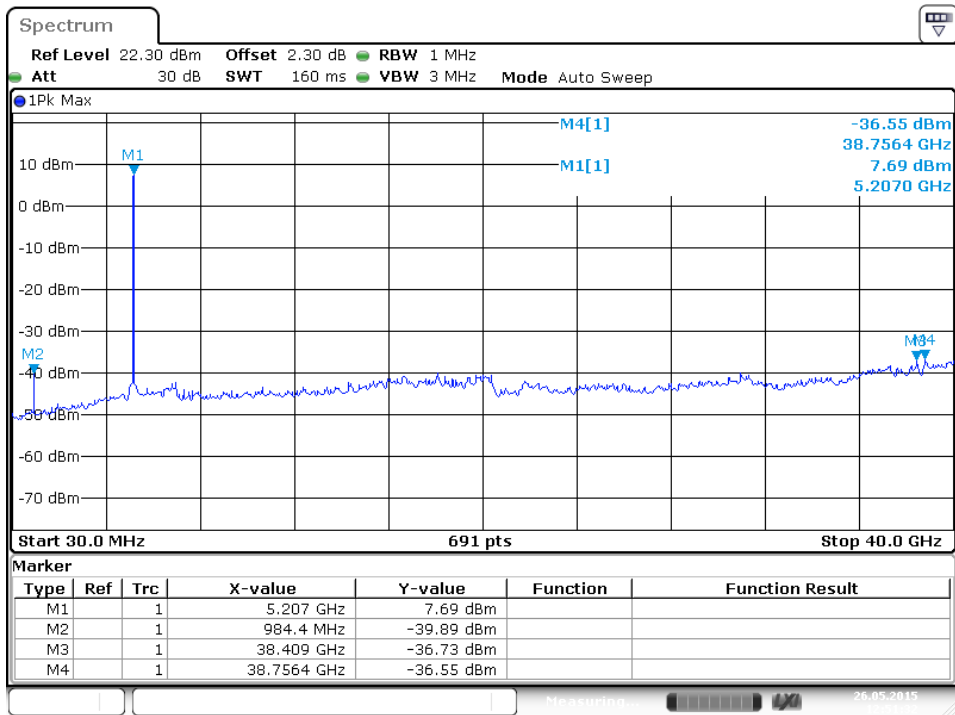
Test setup

Test Channel	:	All channel
Operation mode	:	A.1, B.1
Ambient temperature	:	25°C
Relative humidity	:	52%
Atmospheric pressure	:	101kPa

For details refer to following test plot.

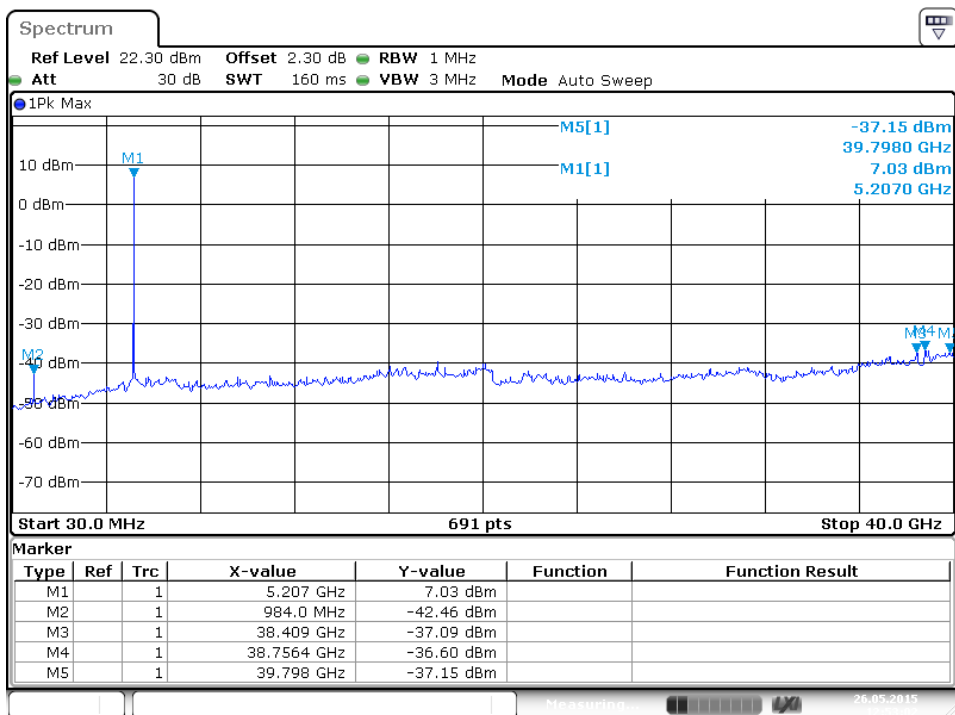
Test Plot of outside band emissions of 802.11a

Channel 5180MHz

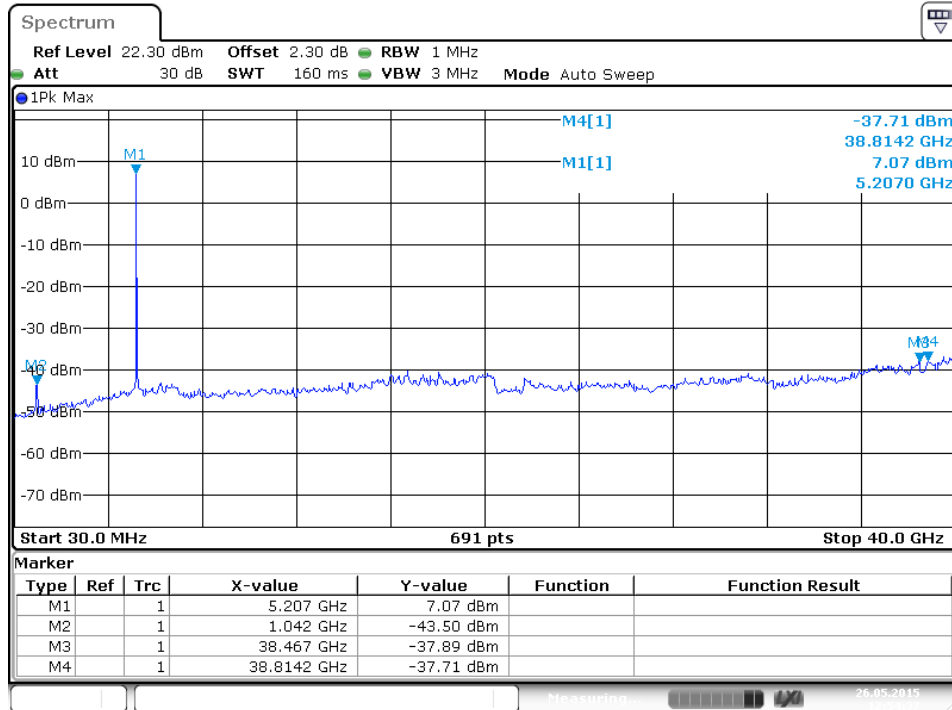


Date: 26.MAY.2015 12:51:33

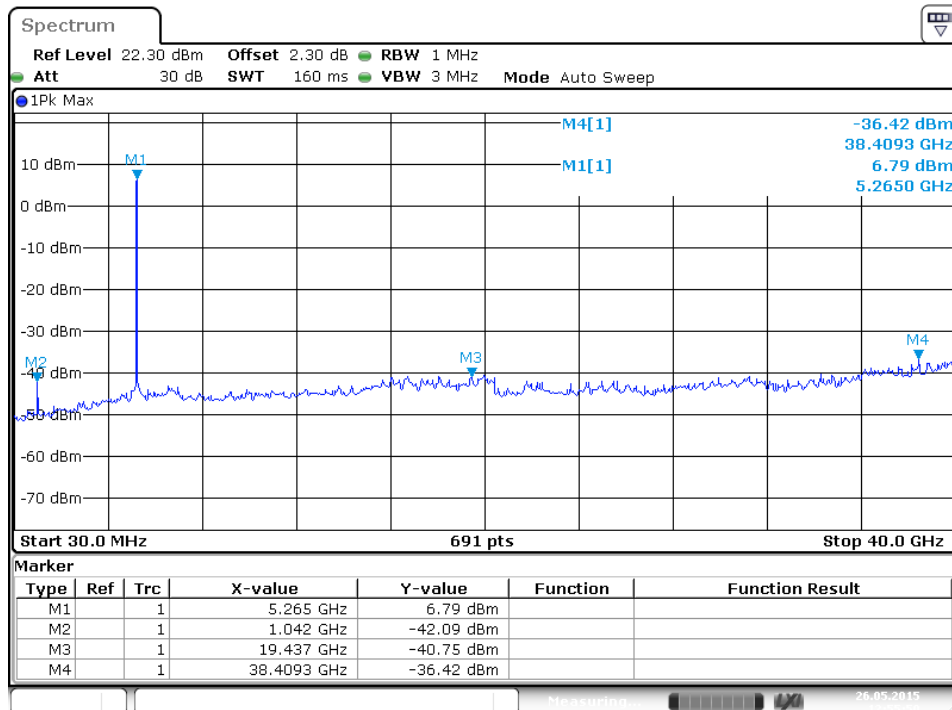
Channel 5200MHz



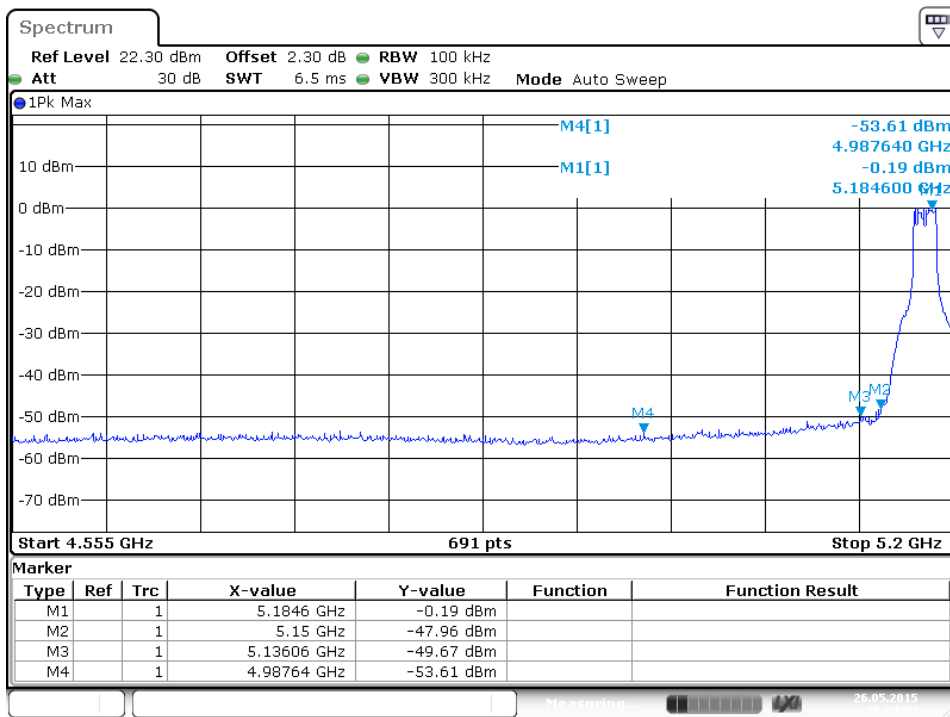
Date: 26.MAY.2015 12:53:02

Channel 5220MHz


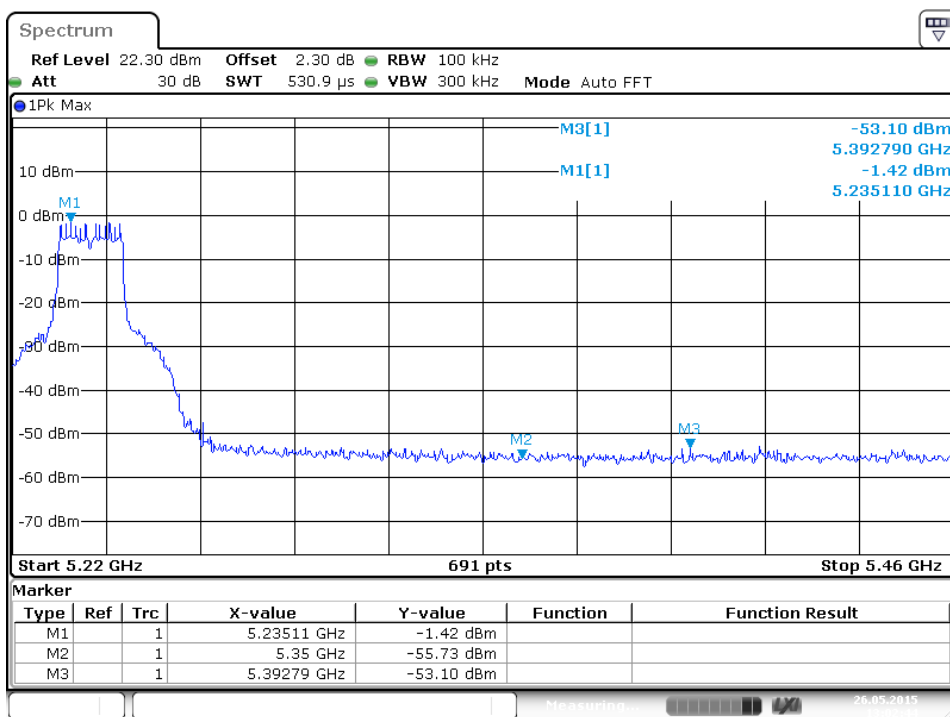
Date: 26.MAY.2015 12:54:37

Channel 5240MHz


Date: 26.MAY.2015 12:55:50

Band Edge


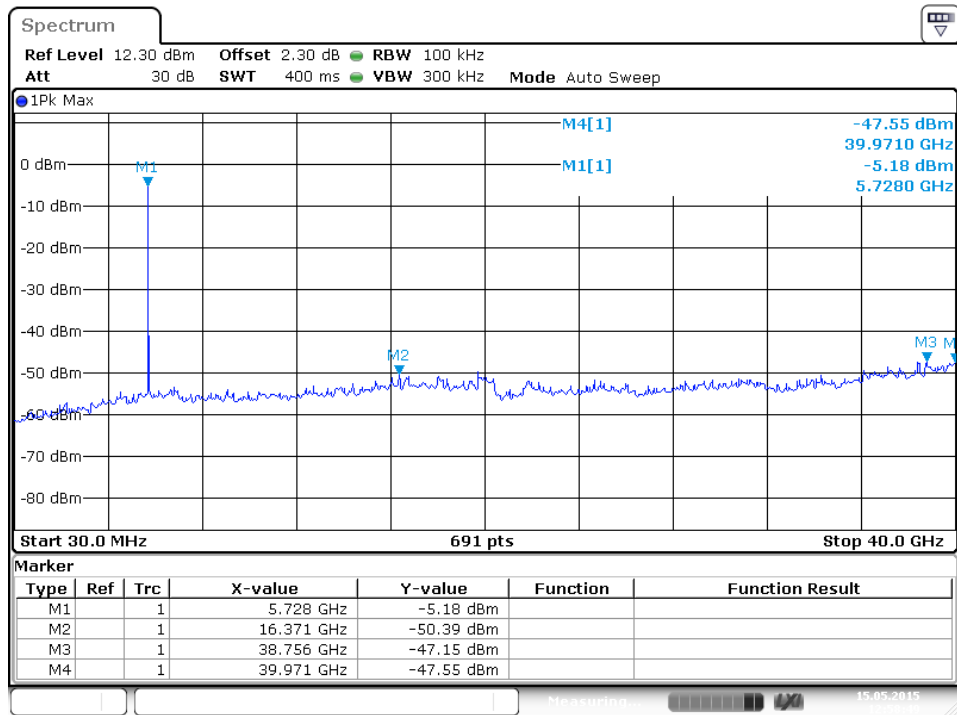
Date: 26.MAY.2015 13:04:52



Date: 26.MAY.2015 13:02:45

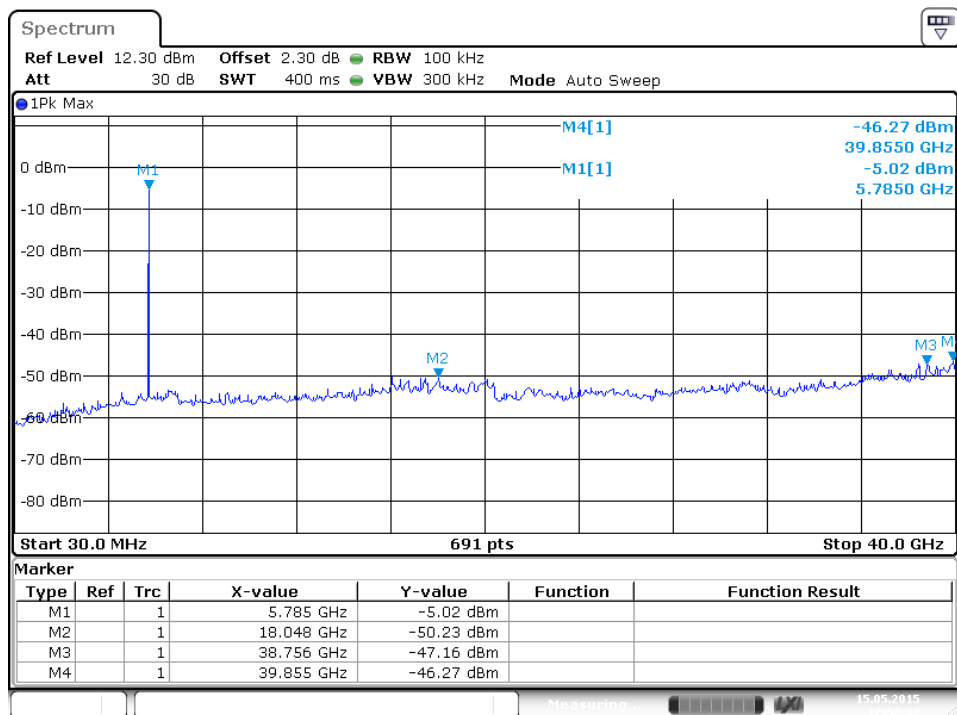
Test Plot of outside band emissions of 802.11a

Channel 5745MHz

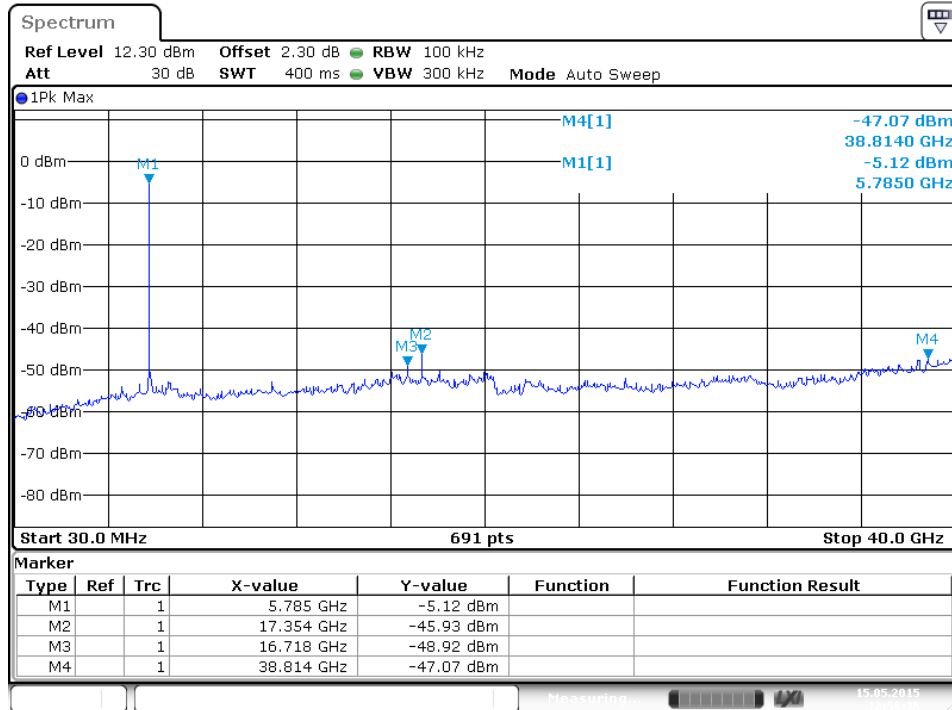


Date: 15.MAY.2015 12:58:50

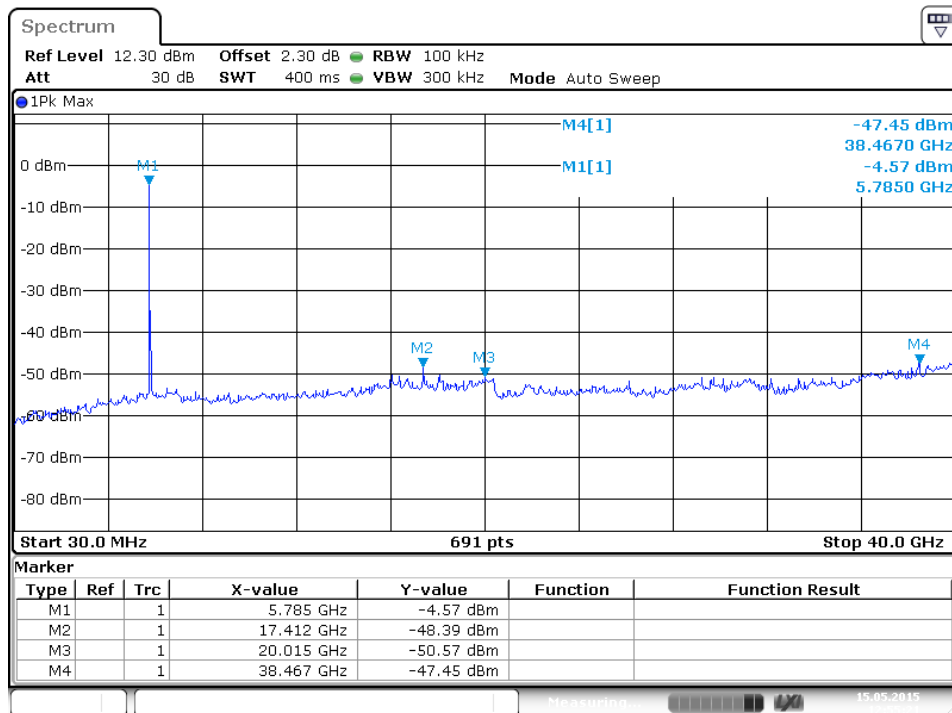
Channel 5765MHz



Date: 15.MAY.2015 12:58:08

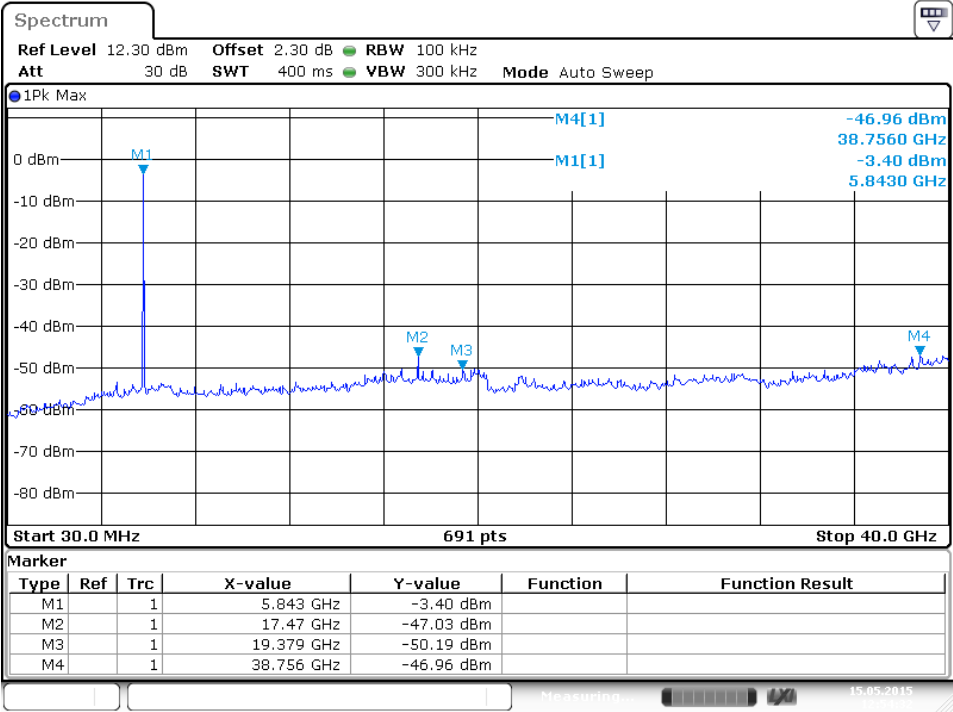
Channel 5785MHz


Date: 15.MAY.2015 12:56:36

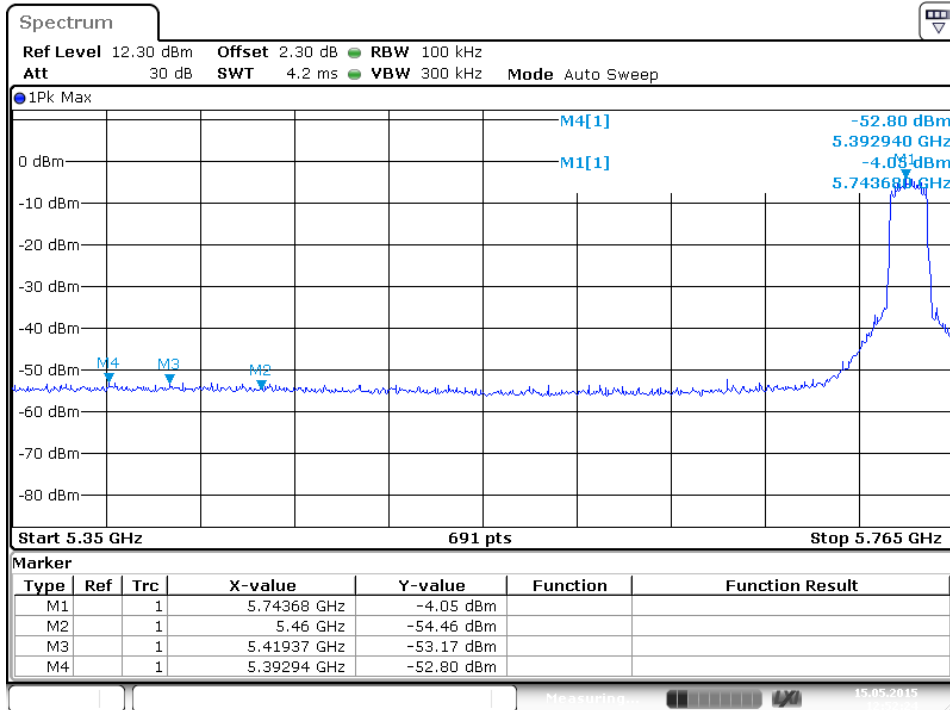
Channel 5805MHz


Date: 15.MAY.2015 12:55:22

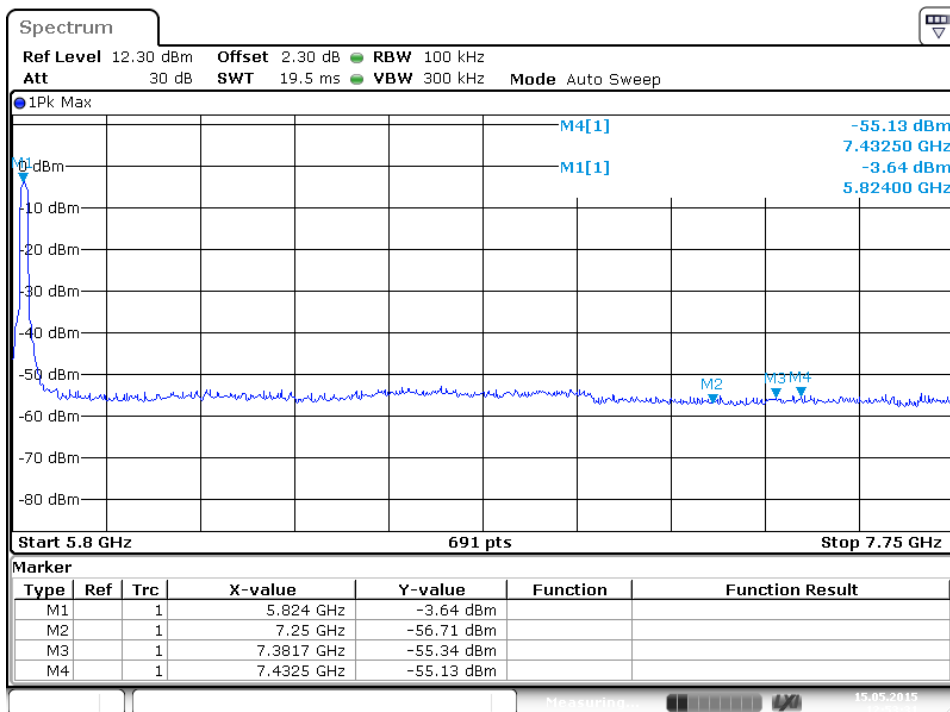
Channel 5825MHz



Date: 15.MAY.2015 12:54:33

Band Edge


Date: 15.MAY.2015 12:52:24



Date: 15.MAY.2015 12:53:31

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5.1.7 Spurious Emission**RESULT:****Pass**

Date of testing	:	2015-05-09
Test standard	:	FCC part 15.407(b)(6) RSS-210 Clause 2.5
Basic standard	:	ANSI C63.4: 2003 ANSI C63.4: 2014 ANSI C63.10: 2013
Limits	:	FCC part 15.209(a)
Kind of test site	:	3m Semi-Anechoic Chamber

Test setup

Test Channel	:	Low/ Middle/ High
Operation mode	:	A.1, A.2
Ambient temperature	:	23°C
Relative humidity	:	48%
Atmospheric pressure	:	101kPa

For details refer to following test plot.

Test Plot of Spurious Emission of 802.11a Band 1

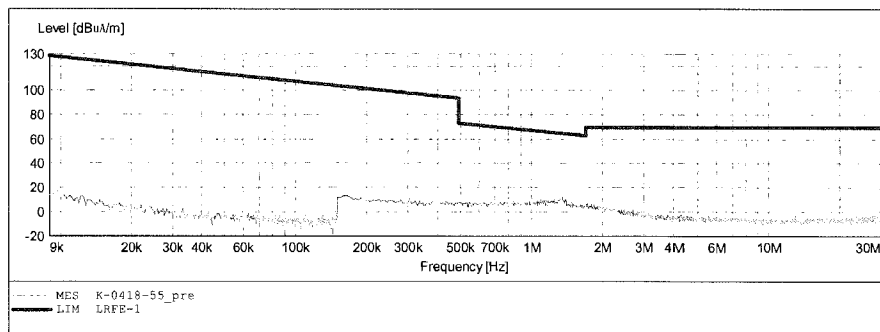
ACCURATE TECHNOLOGY CO.,LTD

FCC Class B 3m Radiated

EUT: Insignia Flex 8" WiFi Android Tablet M/N:NS-P16AT08
 Manufacturer:
 Operating Condition: TX 5180MHz
 Test Site: 2# Chamber
 Operator: LAN
 Test Specification: AC 120V/60Hz
 Comment: X

SCAN TABLE: "LFRE Fin"

Short Description:			_SUB_STD_VTERM2 1.70			
Start	Stop	Step	Detector	Meas. Time	IF Bandw.	Transducer
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak	1.0 s	200 Hz	1516M
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak	1.0 s	9 kHz	1516M

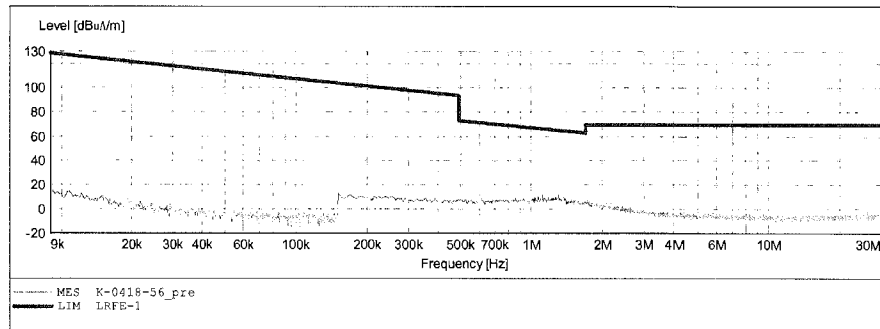


ACCURATE TECHNOLOGY CO.,LTD
FCC Class B 3m Radiated

EUT: Insignia Flex 8" WiFi Android Tablet M/N:NS-P16AT08
 Manufacturer:
 Operating Condition: TX 5180MHz
 Test Site: 2# Chamber
 Operator: LAN
 Test Specification: AC 120V/60Hz
 Comment: Y

SCAN TABLE: "LFRE Fin"

Short Description:			SUB STD VTERM2 1.70			
Start	Stop	Step	Detector	Meas. Time	IF Bandw.	Transducer
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak	1.0 s	200 Hz	1516M
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak	1.0 s	9 kHz	1516M

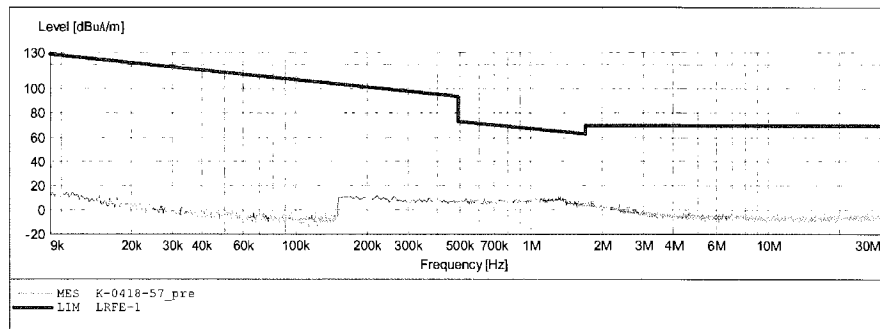


ACCURATE TECHNOLOGY CO.,LTD
FCC Class B 3m Radiated

EUT: Insignia Flex 8" WiFi Android Tablet M/N:NS-P16AT08
 Manufacturer:
 Operating Condition: TX 5180MHz
 Test Site: 2# Chamber
 Operator: LAN
 Test Specification: AC 120V/60Hz
 Comment: Z

SCAN TABLE: "LFRE Fin"

Short Description:			SUB STD VTERM2 1.70			
Start	Stop	Step	Detector	Meas. Time	IF Bandw.	Transducer
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak	1.0 s	200 Hz	1516M
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak	1.0 s	9 kHz	1516M



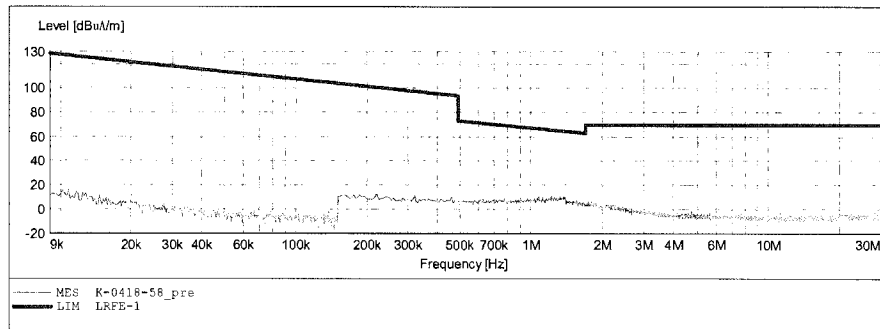
ACCURATE TECHNOLOGY CO.,LTD

FCC Class B 3m Radiated

EUT: Insignia Flex 8" WiFi Android Tablet M/N:NS-P16AT08
 Manufacturer:
 Operating Condition: TX 5200MHz
 Test Site: 2# Chamber
 Operator: LAN
 Test Specification: AC 120V/60Hz
 Comment: X

SCAN TABLE: "LFRE Fin"

Short Description:			SUB STD VTERM2 1.70			
Start	Stop	Step	Detector	Meas. Time	IF Bandw.	Transducer
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak	1.0 s	200 Hz	1516M
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak	1.0 s	9 kHz	1516M



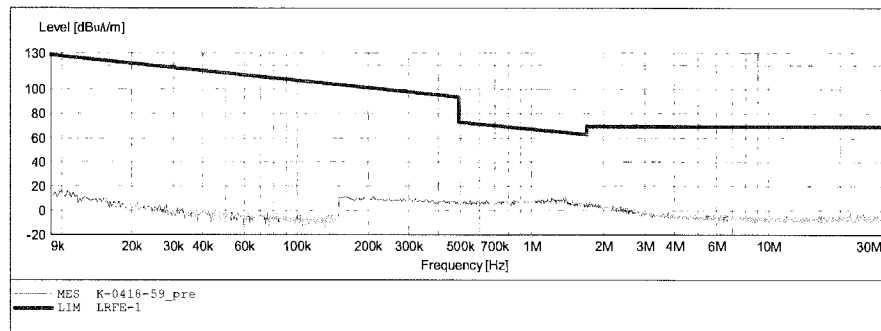
ACCURATE TECHNOLOGY CO.,LTD

FCC Class B 3m Radiated

EUT: Insignia Flex 8" WiFi Android Tablet M/N:NS-P16AT08
 Manufacturer:
 Operating Condition: TX 5200MHz
 Test Site: 2# Chamber
 Operator: LAN
 Test Specification: AC 120V/60Hz
 Comment: Y

SCAN TABLE: "LFRE Fin"

Short Description:			SUB STD VTERM2 1.70			
Start	Stop	Step	Detector	Meas. Time	IF Bandw.	Transducer
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak	1.0 s	200 Hz	1516M
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak	1.0 s	9 kHz	1516M



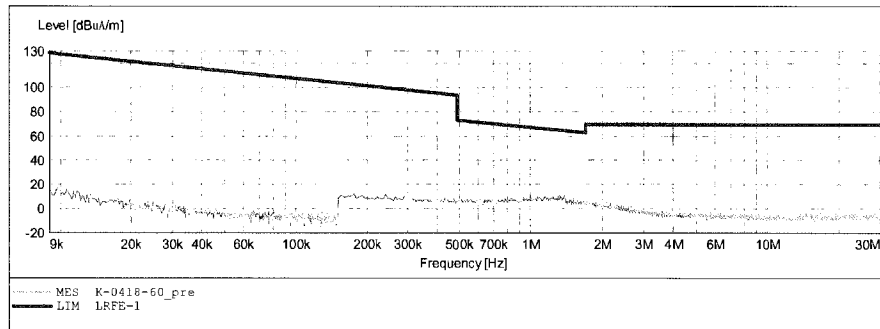
ACCURATE TECHNOLOGY CO.,LTD

FCC Class B 3m Radiated

EUT: Insignia Flex 8" WiFi Android Tablet M/N:NS-P16AT08
 Manufacturer:
 Operating Condition: TX 5200MHz
 Test Site: 2# Chamber
 Operator: LAN
 Test Specification: AC 120V/60Hz
 Comment: Z

SCAN TABLE: "LFRE Fin"

Short Description:			_SUB_STD_VTERM2 1.70			
Start	Stop	Step	Detector	Meas.	IF	Transducer
Frequency	Frequency	Width		Time	Bandw.	
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak	1.0 s	200 Hz	1516M
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak	1.0 s	9 kHz	1516M

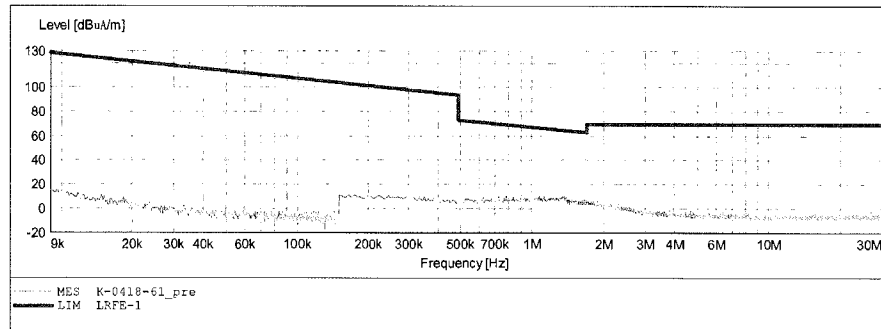


ACCURATE TECHNOLOGY CO.,LTD
FCC Class B 3m Radiated

EUT: Insignia Flex 8" WiFi Android Tablet M/N:NS-P16AT08
 Manufacturer:
 Operating Condition: TX 5220MHz
 Test Site: 2# Chamber
 Operator: LAN
 Test Specification: AC 120V/60Hz
 Comment: X

SCAN TABLE: "LFRE Fin"

Short Description:			SUB STD VTERM2 1.70			
Start	Stop	Step	Detector	Meas.	IF	Transducer
Frequency	Frequency	Width		Time	Bandw.	
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak	1.0 s	200 Hz	1516M
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak	1.0 s	9 kHz	1516M

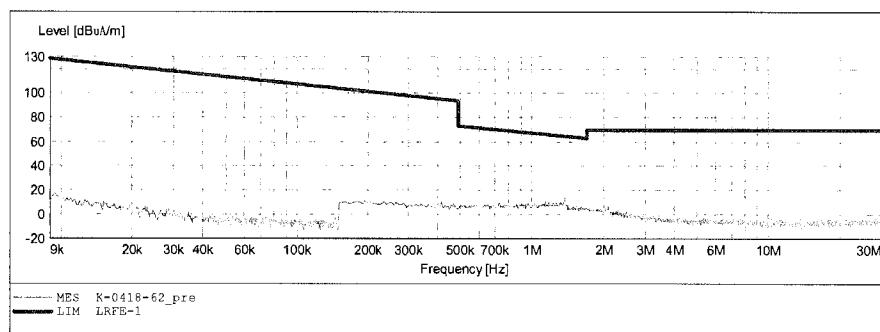


ACCURATE TECHNOLOGY CO.,LTD
FCC Class B 3m Radiated

EUT: Insignia Flex 8" WiFi Android Tablet M/N:NS-P16AT08
 Manufacturer:
 Operating Condition: TX 5220MHz
 Test Site: 2# Chamber
 Operator: LAN
 Test Specification: AC 120V/60Hz
 Comment: Y

SCAN TABLE: "LFRE Fin"

Short Description:			_SUB_STD VTERM2 1.70			
Start	Stop	Step	Detector	Meas. Time	IF Bandw.	Transducer
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak	1.0 s	200 Hz	1516M
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak	1.0 s	9 kHz	1516M

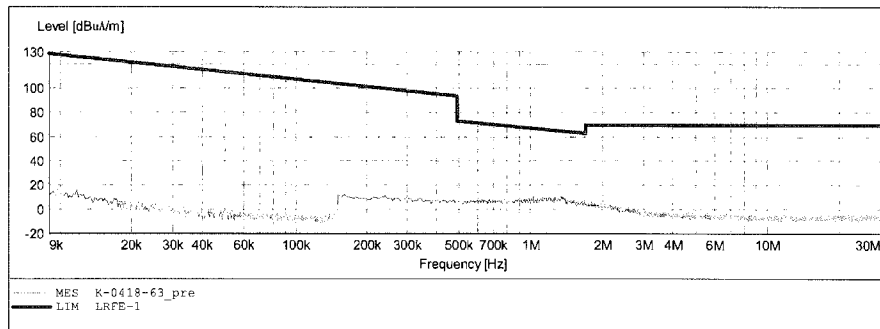


ACCURATE TECHNOLOGY CO.,LTD
FCC Class B 3m Radiated

EUT: Insignia Flex 8" WiFi Android Tablet M/N:NS-P16AT08
 Manufacturer:
 Operating Condition: TX 5220MHz
 Test Site: 2# Chamber
 Operator: LAN
 Test Specification: AC 120V/60Hz
 Comment: Z

SCAN TABLE: "LFRE Fin"

Short Description:				SUB STD VTERM2 1.70		
Start	Stop	Step	Detector	Meas. Time	IF Bandw.	Transducer
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak	1.0 s	200 Hz	1516M
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak	1.0 s	9 kHz	1516M

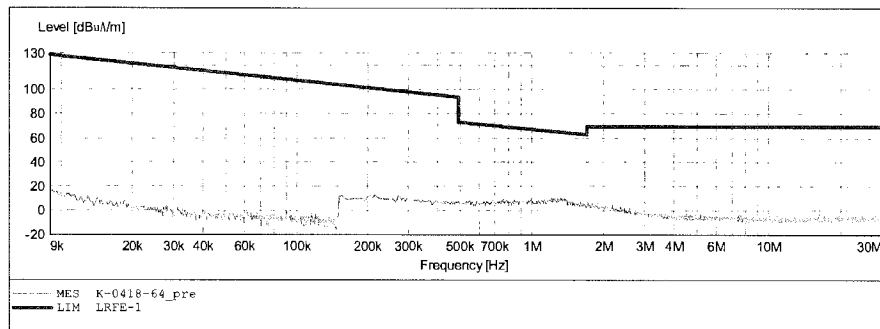


ACCURATE TECHNOLOGY CO.,LTD
FCC Class B 3m Radiated

EUT: Insignia Flex 8" WiFi Android Tablet M/N:NS-P16AT08
 Manufacturer:
 Operating Condition: TX 5240MHz
 Test Site: 2# Chamber
 Operator: LAN
 Test Specification: AC 120V/60Hz
 Comment: X

SCAN TABLE: "LFRE Fin"

Short Description:			SUB STD VTERM2 1.70			
Start	Stop	Step	Detector	Meas. Time	IF Bandw.	Transducer
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak	1.0 s	200 Hz	1516M
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak	1.0 s	9 kHz	1516M

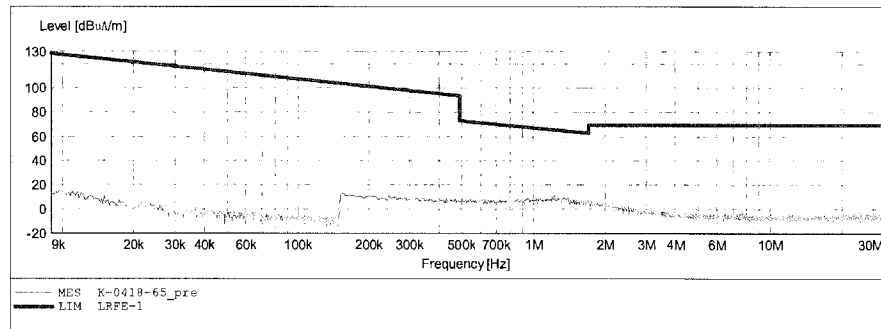


ACCURATE TECHNOLOGY CO.,LTD
FCC Class B 3m Radiated

EUT: Insignia Flex 8" WiFi Android Tablet M/N:NS-P16AT08
 Manufacturer:
 Operating Condition: TX 5240MHz
 Test Site: 2# Chamber
 Operator: LAN
 Test Specification: AC 120V/60Hz
 Comment: Y

SCAN TABLE: "LFRE Fin"

Short Description: SUB STD VTERM2 1.70				Detector	Meas. Time	IF Bandw.	Transducer
Start Frequency	Stop Frequency	Step Width					
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak 1.0 s	200 Hz	1516M		
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak 1.0 s	9 kHz	1516M		



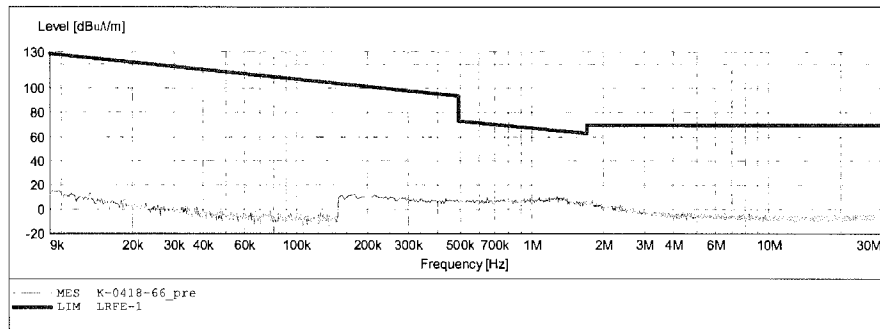
ACCURATE TECHNOLOGY CO.,LTD

FCC Class B 3m Radiated

EUT: Insignia Flex 8" WiFi Android Tablet M/N:NS-P16AT08
 Manufacturer:
 Operating Condition: TX 5240MHz
 Test Site: 2# Chamber
 Operator: LAN
 Test Specification: AC 120V/60Hz
 Comment: Z

SCAN TABLE: "LFRE Fin"

Short Description:			SUB STD VTERM2 1.70			
Start	Stop	Step	Detector	Meas. Time	IF Bandw.	Transducer
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak	1.0 s	200 Hz	1516M
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak	1.0 s	9 kHz	1516M



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ACCURATE TECHNOLOGY CO., LTD.

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Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: YULIAH #378

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 5180MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

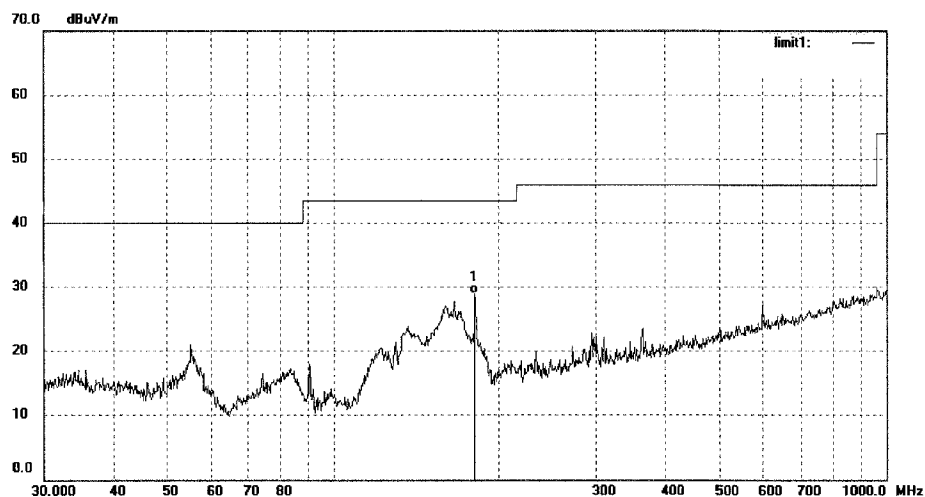
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	181.2834	42.24	-13.28	28.96	43.50	-14.54	QP			


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Fax: +86-0755-26503396

Job No.: YULIAH #379

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 5180MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

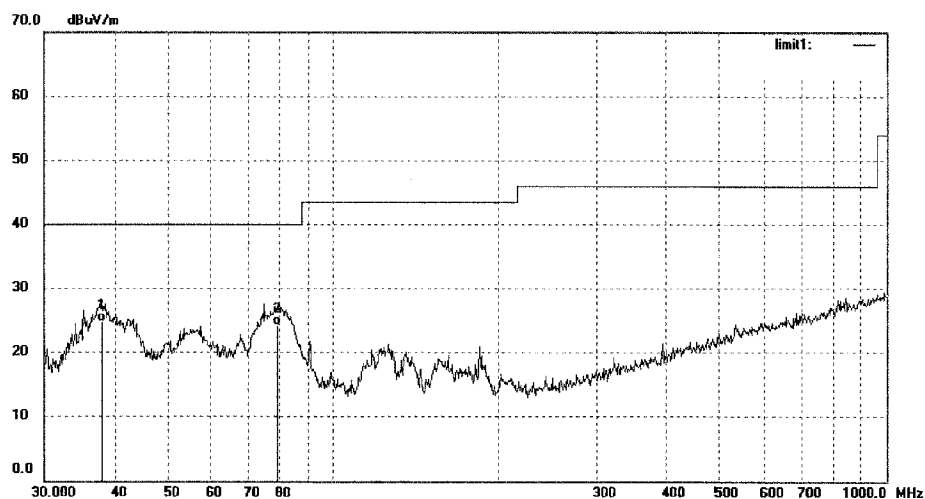
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	37.9450	35.89	-11.08	24.81	40.00	-15.19	QP			
2	79.2425	40.79	-16.56	24.23	40.00	-15.77	QP			


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Job No.: YULIAH #381

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 5200MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

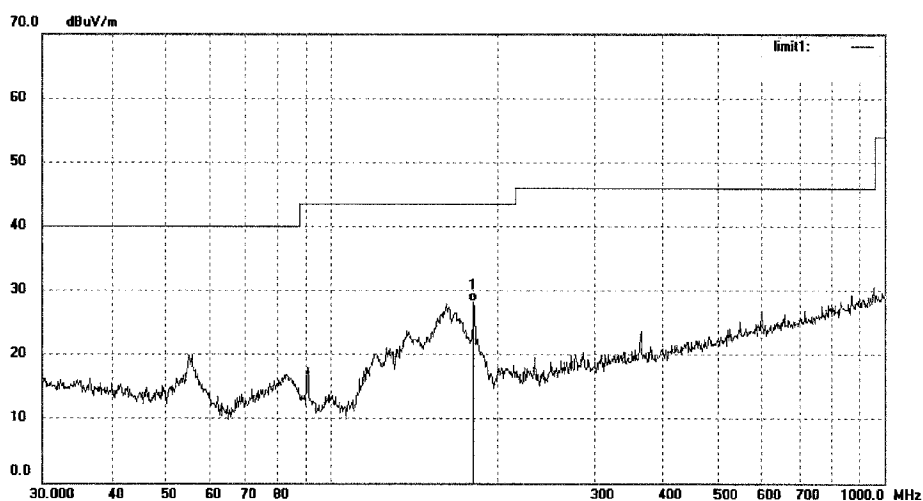
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Time:

Engineer Signature: PEI

Distance: 3m

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	181.2834	41.51	-13.28	28.23	43.50	-15.27	QP			


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Site: 2# Chamber

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Fax:+86-0755-26503396

Job No.: YULIAH #380

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 5200MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

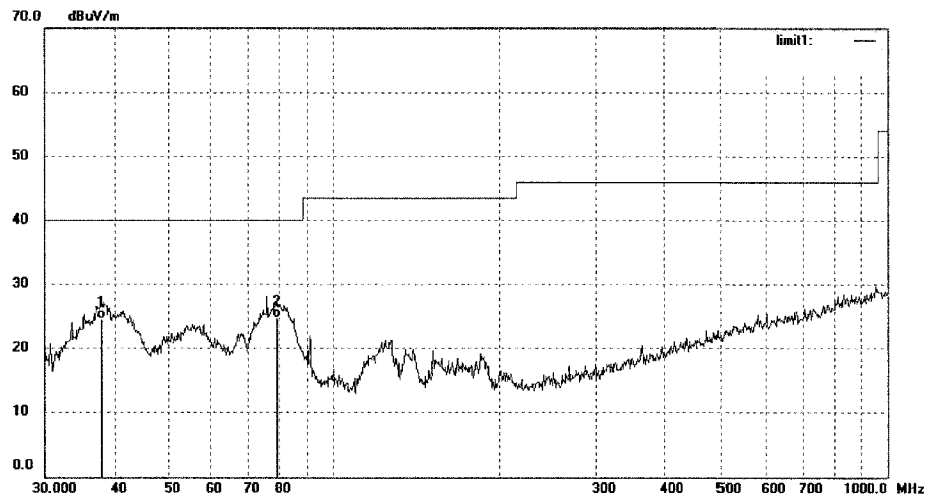
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	37.8121	35.59	-11.05	24.54	40.00	-15.46	QP			
2	78.9651	41.39	-16.57	24.82	40.00	-15.18	QP			


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Site: 2# Chamber

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Fax:+86-0755-26503396

Job No.: YULIAH #382

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 5220MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

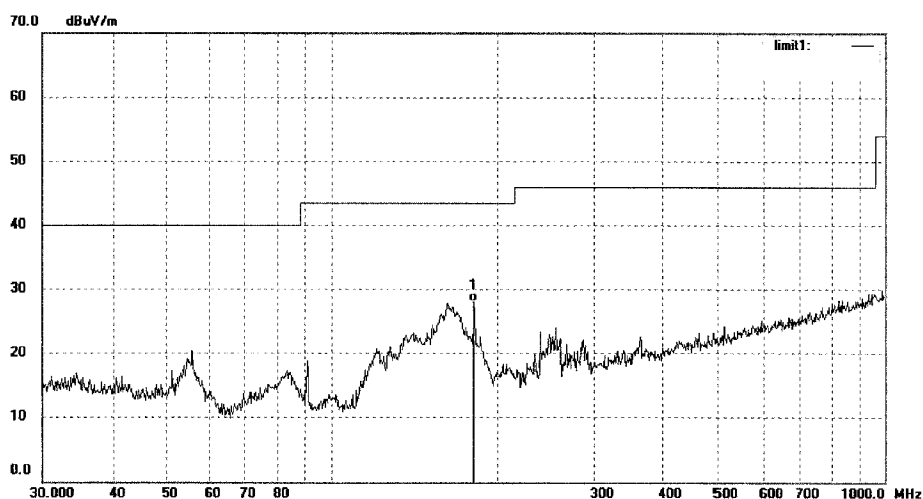
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Time:

Engineer Signature: PEI

Distance: 3m

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	181.2834	41.30	-13.28	28.02	43.50	-15.48	QP			

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ACCURATE TECHNOLOGY CO., LTD.

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Site: 2# Chamber

Tel: +86-0755-26503290

Fax: +86-0755-26503396

Job No.: YULIAH #383

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 5220MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

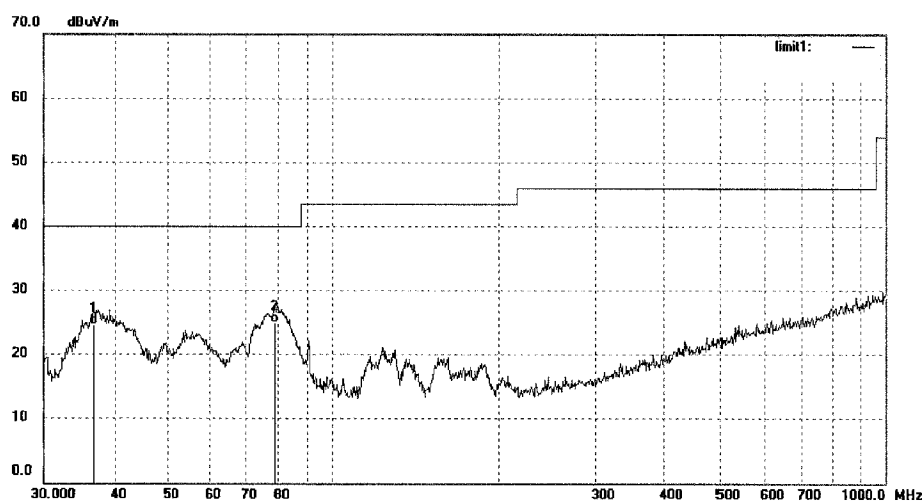
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	36.7661	35.47	-10.81	24.66	40.00	-15.34	QP			
2	78.6888	41.48	-16.58	24.90	40.00	-15.10	QP			


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Site: 2# Chamber

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Fax:+86-0755-26503396

Job No.: YULIAH #385

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 5240MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

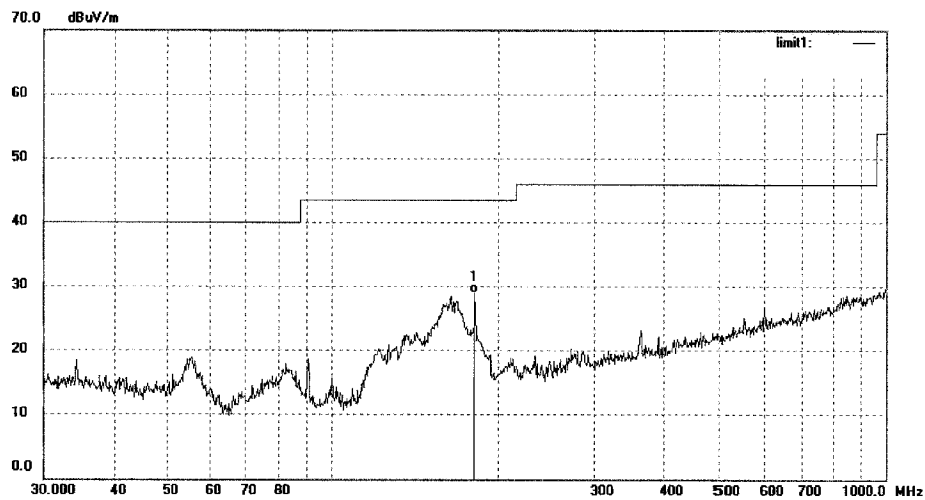
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	181.2834	42.32	-13.28	29.04	43.50	-14.46	QP			


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Job No.: YULIAH #384

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 5240MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

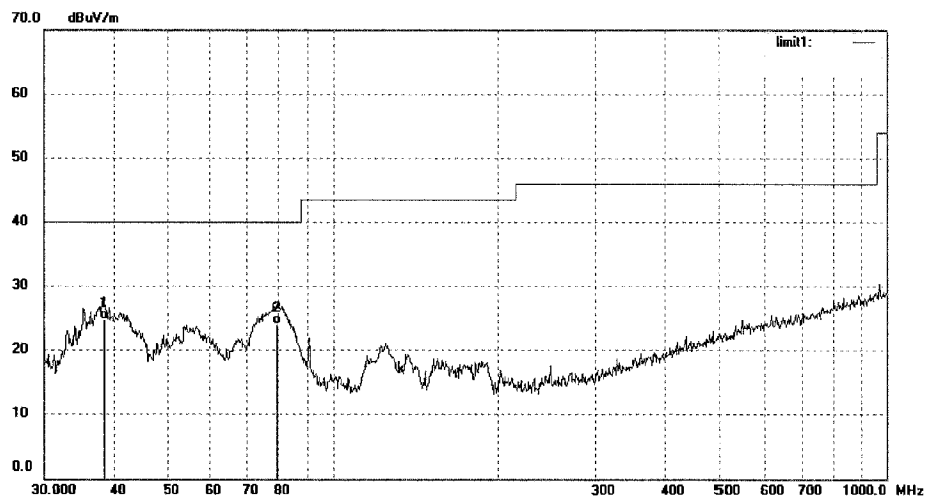
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	38.3462	35.89	-11.17	24.72	40.00	-15.28	QP			
2	79.5209	40.67	-16.54	24.13	40.00	-15.87	QP			


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Fax:+86-0755-26503396

Job No.: YULIAH #457

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 5180MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

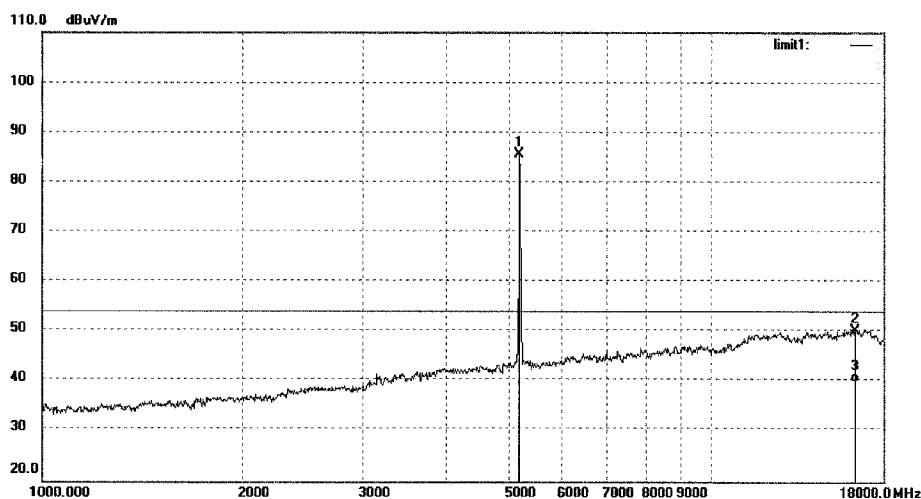
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5180.000	85.09	0.61	85.70	/	/	peak			
2	16315.231	10.15	40.19	50.34	74.00	-23.66	peak			
3	16315.231	-0.38	40.19	39.81	54.00	-14.19	AVG			


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Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: YULIAH #458

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 5180MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

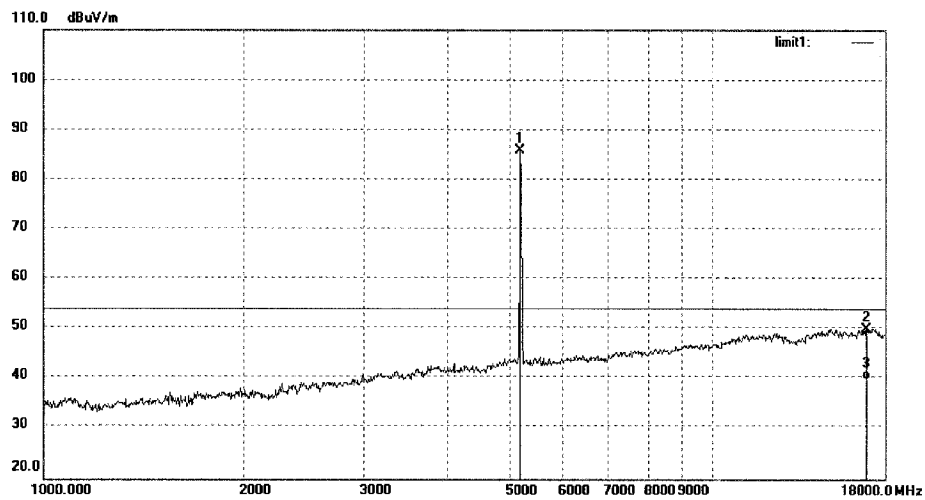
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5180.000	85.17	0.61	85.78	/	/	peak			
2	16891.045	8.72	41.39	50.11	74.00	-23.89	peak			
3	16891.045	-1.42	41.39	39.97	54.00	-14.03	AVG			


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Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: YULIAH #460

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 5200MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

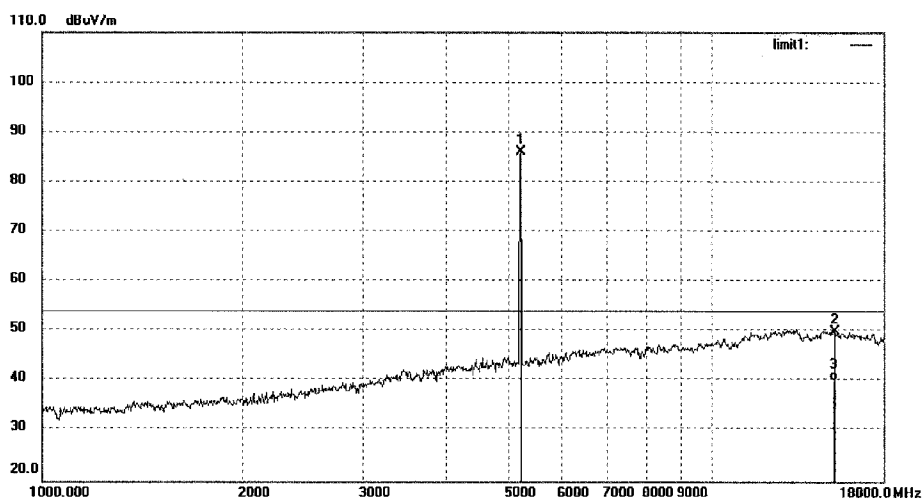
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5200.000	85.38	0.68	86.06	/	/	peak			
2	15221.824	9.43	40.66	50.09	74.00	-23.91	peak			
3	15221.824	-0.55	40.66	40.11	54.00	-13.89	AVG			


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 F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
 Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: YULIAH #459

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 5200MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

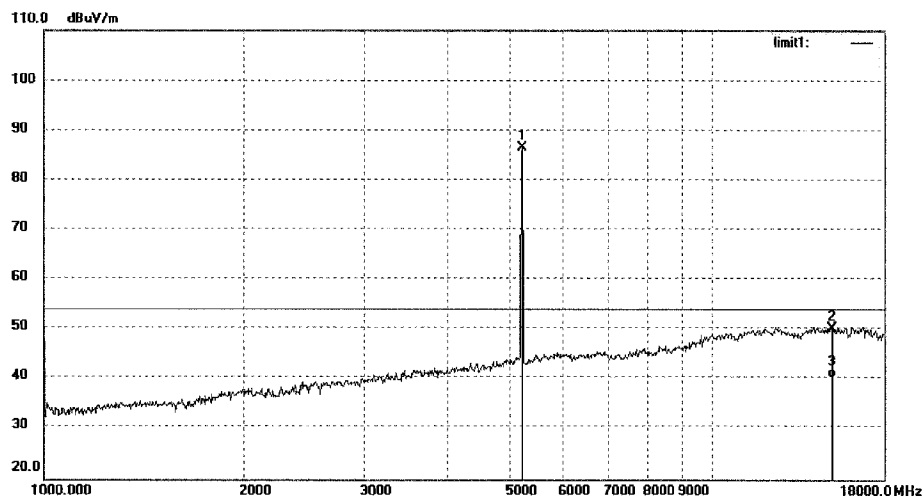
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5200.000	85.71	0.68	86.39	/	/	peak			
2	15046.851	9.24	41.01	50.25	74.00	-23.75	peak			
3	15046.851	-0.62	41.01	40.39	54.00	-13.61	AVG			


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Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: YULIAH #461

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 5220MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

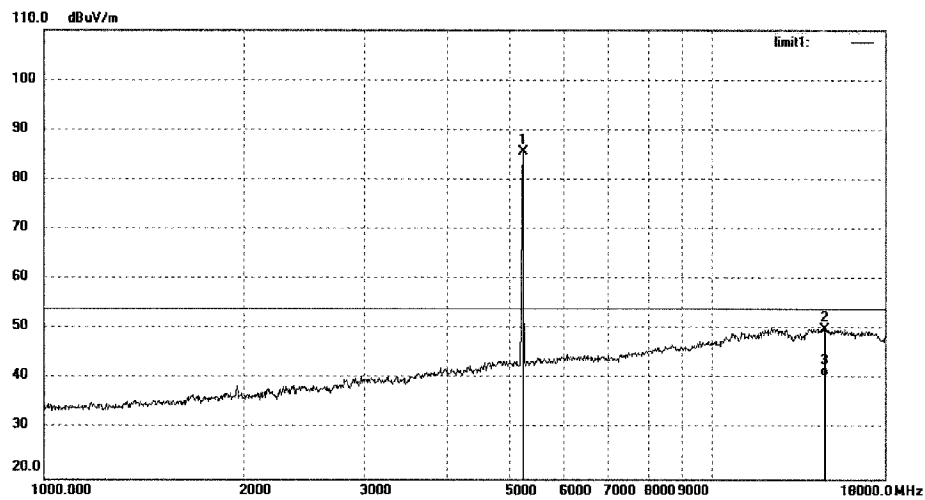
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5220.000	84.81	0.75	85.56	/	/	peak			
2	14660.479	7.95	42.12	50.07	74.00	-23.93	peak			
3	14660.479	-1.63	42.12	40.49	54.00	-13.51	AVG			


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Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: YULIAH #462

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 5220MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

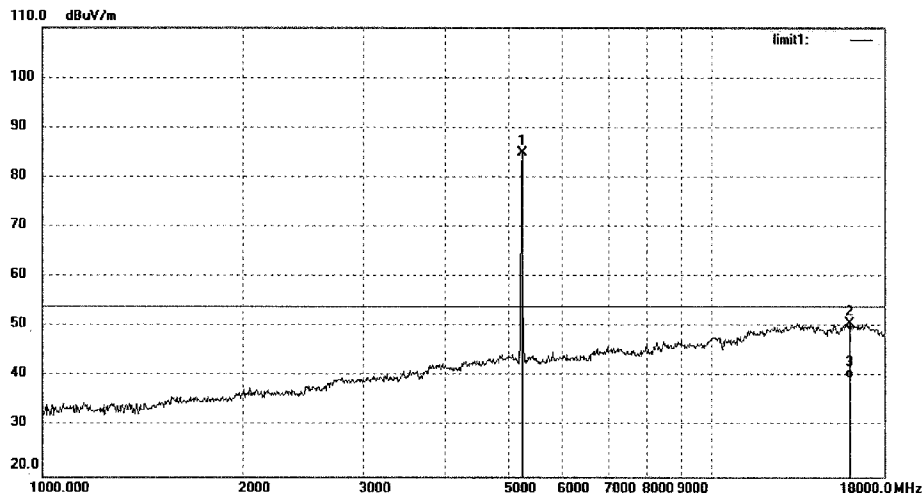
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5220.000	84.16	0.75	84.91	/	/	peak			
2	15988.449	10.63	40.00	50.63	74.00	-23.37	peak			
3	15988.449	-0.42	40.00	39.58	54.00	-14.42	AVG			


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Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: YULIAH #464

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 5240MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

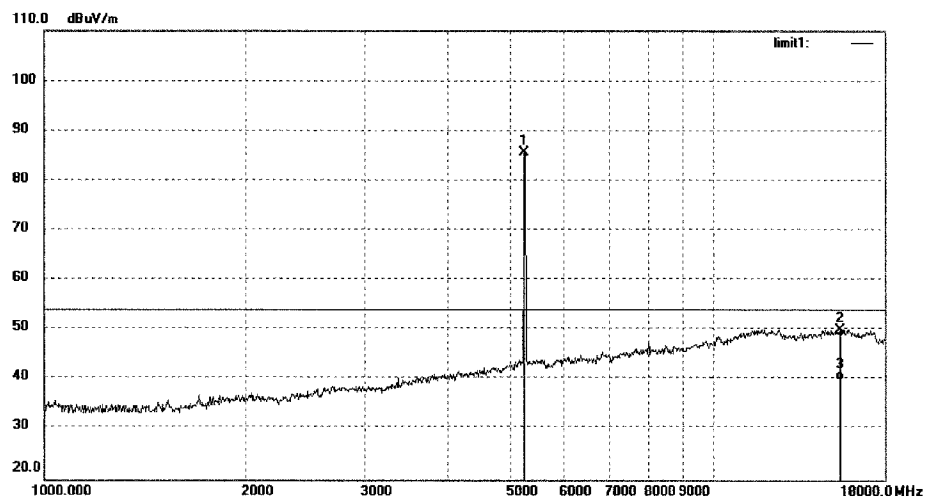
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5240.000	84.82	0.82	85.64	/	/	peak			
2	15443.405	9.94	40.21	50.15	74.00	-23.85	peak			
3	15443.405	-0.36	40.21	39.85	54.00	-14.15	AVG			


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 Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: YULIAH #463

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 5240MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

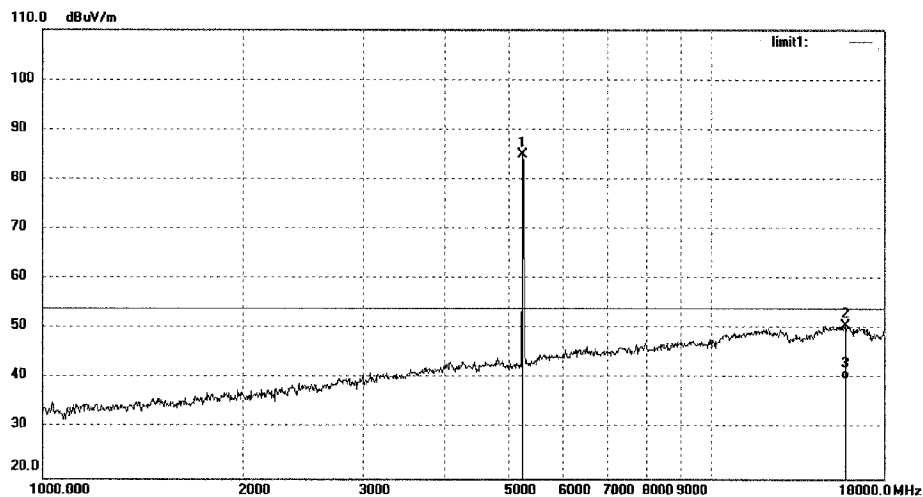
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5240.000	84.03	0.82	84.85	/	/	peak			
2	15804.663	10.65	40.04	50.69	74.00	-23.31	peak			
3	15804.663	-0.05	40.04	39.99	54.00	-14.01	AVG			

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ACCURATE TECHNOLOGY CO., LTD.

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Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: YULIAH #612

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 5180MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

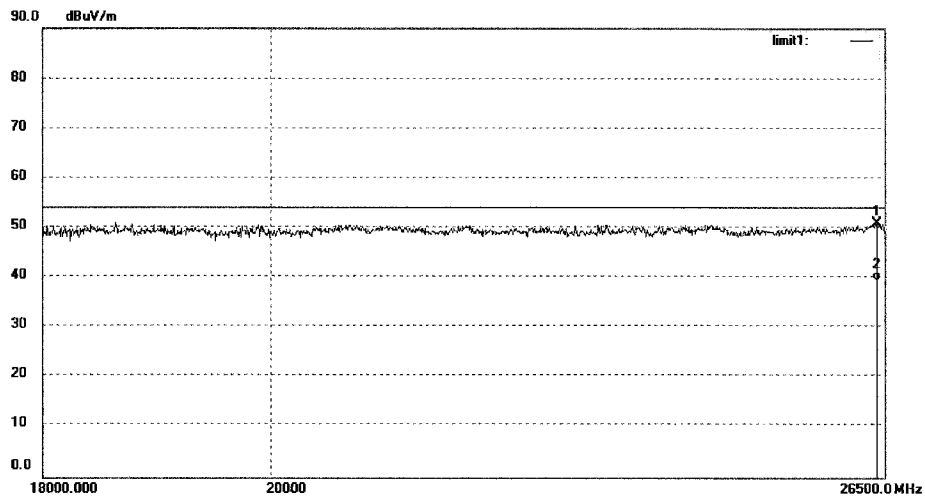
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26407.731	34.36	16.50	50.86	74.00	-23.14	peak			
2	26407.731	22.93	16.50	39.43	54.00	-14.57	AVG			


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Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: YULIAH #611

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 5180MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

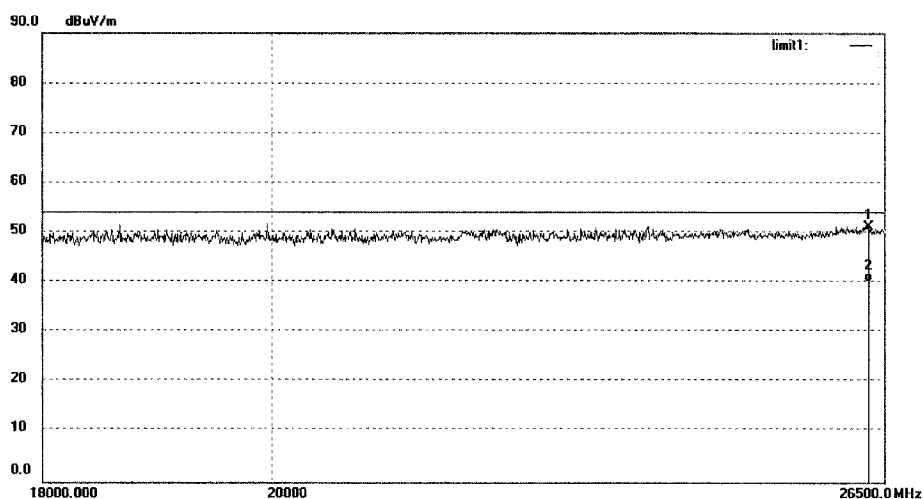
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26315.783	34.16	17.02	51.18	74.00	-22.82	peak			
2	26315.783	23.08	17.02	40.10	54.00	-13.90	AVG			

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ACCURATE TECHNOLOGY CO., LTD.

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Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: YULIAH #613

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 5200MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

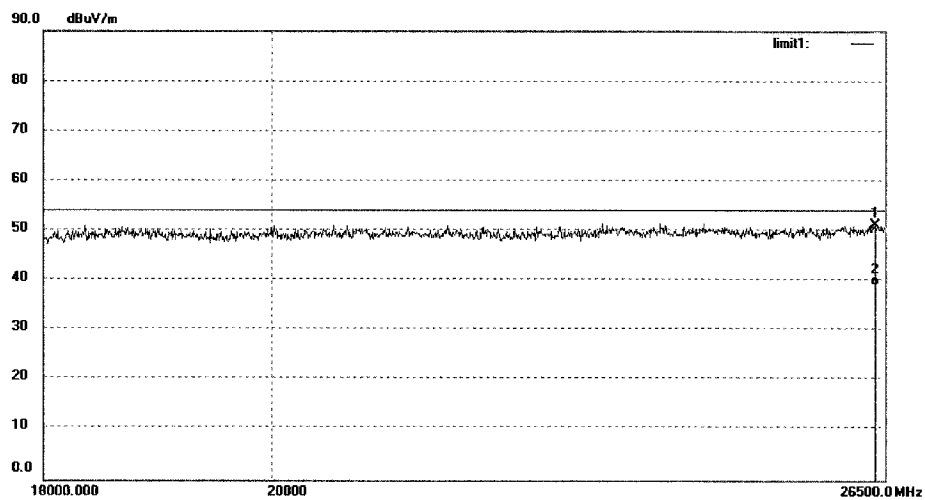
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26387.270	34.58	16.50	51.08	74.00	-22.92	peak			
2	26387.270	22.50	16.50	39.00	54.00	-15.00	AVG			

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ACCURATE TECHNOLOGY CO., LTD.

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Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: YULIAH #614

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 5200MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

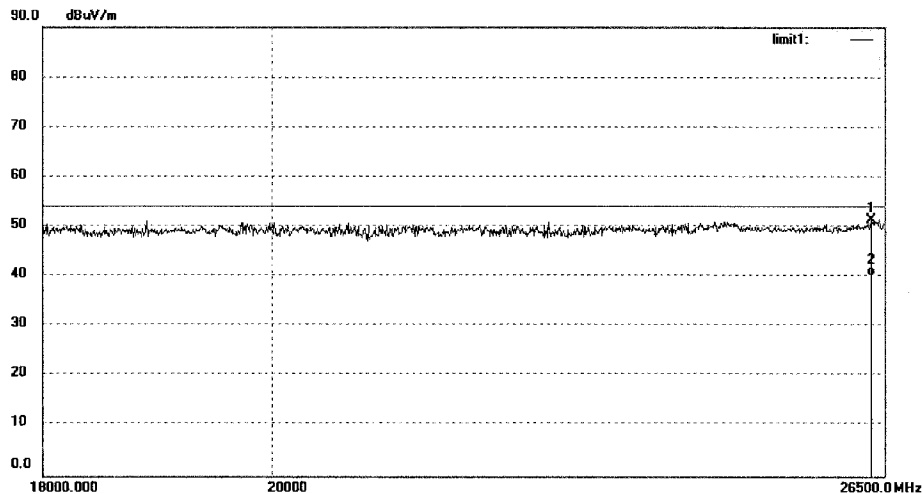
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26346.396	34.48	17.00	51.48	74.00	-22.52	peak			
2	26346.396	23.06	17.00	40.06	54.00	-13.94	AVG			

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ACCURATE TECHNOLOGY CO., LTD.

 F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
 Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: YULIAH #616

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 5220MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

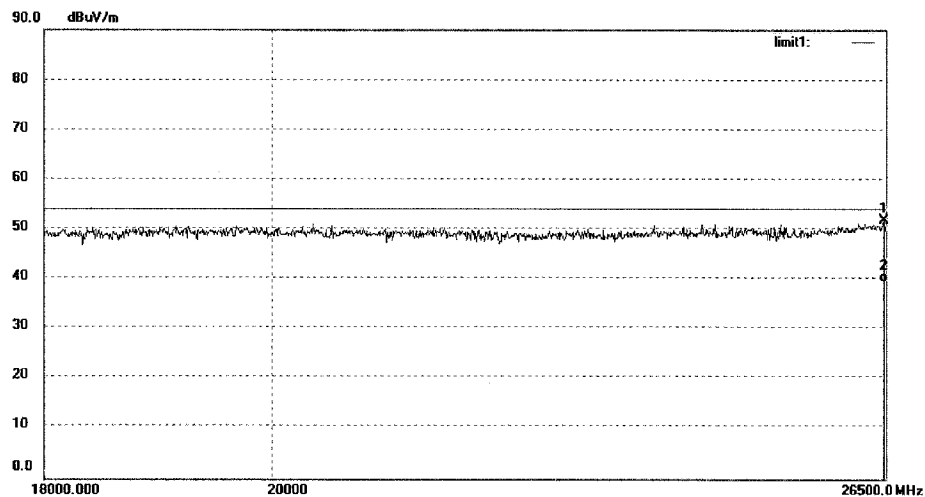
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26479.468	35.33	16.50	51.83	74.00	-22.17	peak			
2	26479.468	22.95	16.50	39.45	54.00	-14.55	AVG			

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ACCURATE TECHNOLOGY CO., LTD.

F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: YULIAH #615

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 5220MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

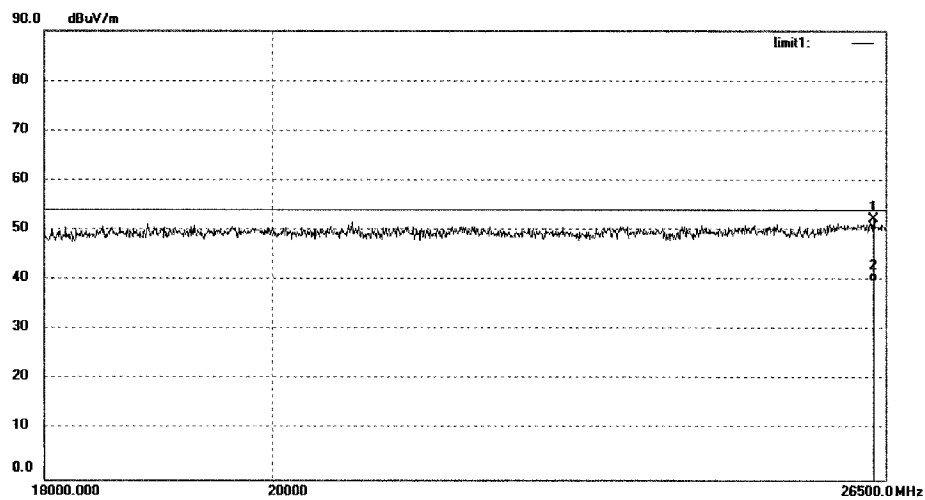
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26356.609	35.27	16.99	52.26	74.00	-21.74	peak			
2	26356.609	22.77	16.99	39.76	54.00	-14.24	AVG			


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 Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber

Tel: +86-0755-26503290

Fax: +86-0755-26503396

Job No.: YULIAH #617

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 5240MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

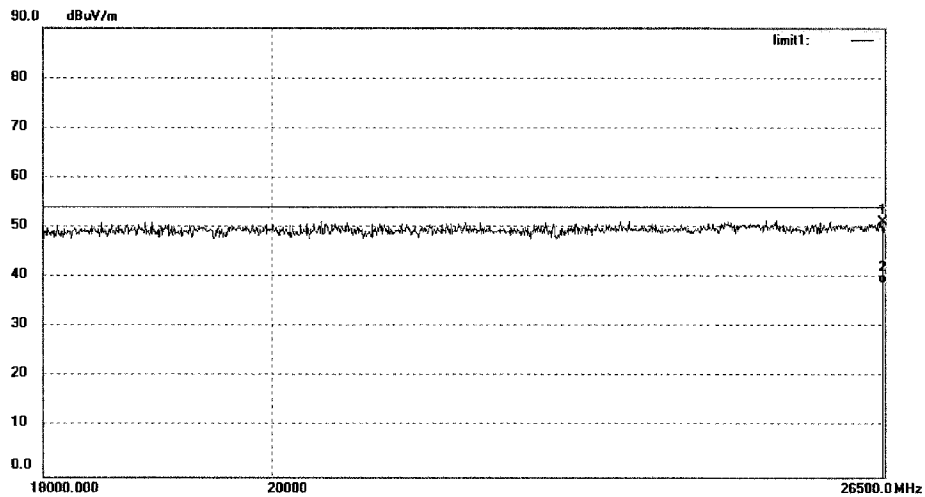
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26479.468	34.60	16.50	51.10	74.00	-22.90	peak			
2	26479.468	22.39	16.50	38.89	54.00	-15.11	AVG			

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 Test Report No.

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ACCURATE TECHNOLOGY CO., LTD.

 F1,Bldg.A,Changyuan New Material Port Keyuan Rd,
 Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: YULIAH #618

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 5240MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

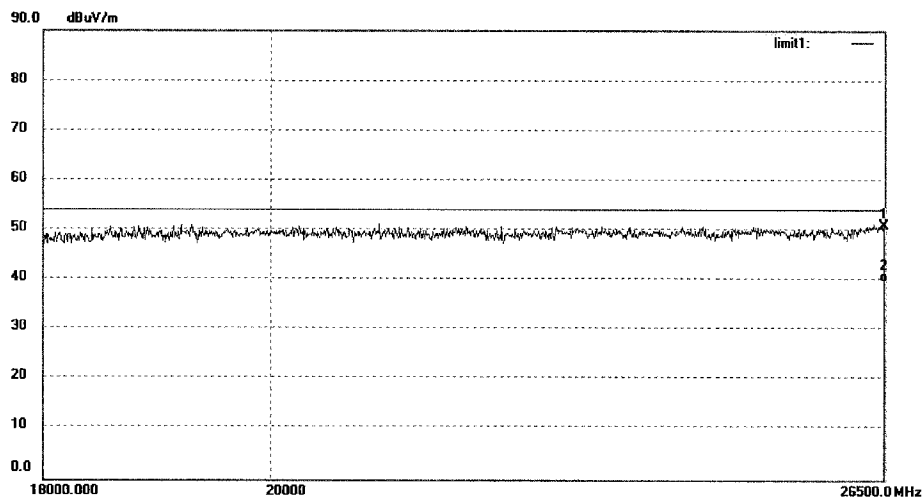
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26489.732	34.07	16.91	50.98	74.00	-23.02	peak			
2	26489.732	22.74	16.91	39.65	54.00	-14.35	AVG			

EMI Sweep(1)

1 / 1

Radiated Emission

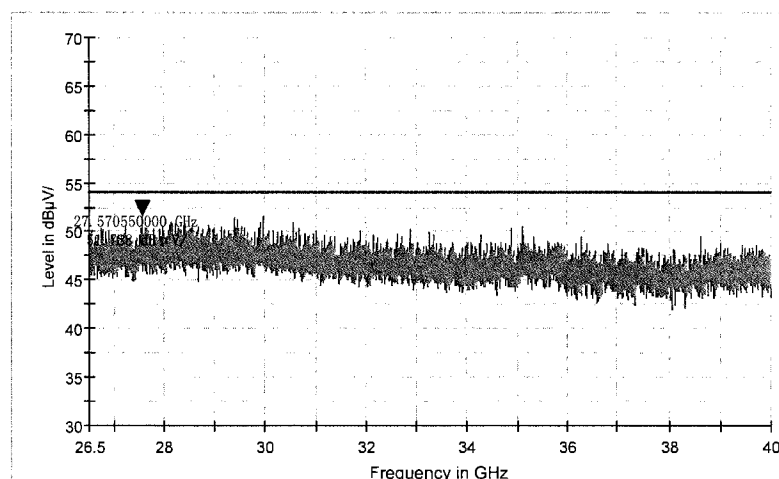
EUT Information

EUT Model Name: Insignia Flex 8" WiFi Android Tablet M/N: NS-P16AT08
Operation mode: TX 5180MHz
Test Voltage:
Comment:

Common Information

Test Site: SMQ EMC Lab.
Environment Conditions:
Antenna Polarization: Horizontal
Operator Name:
Comment:

FCC Electric Field Strength 26.5-40GHz



EMI Sweep(1)

1 / 1

Radiated Emission

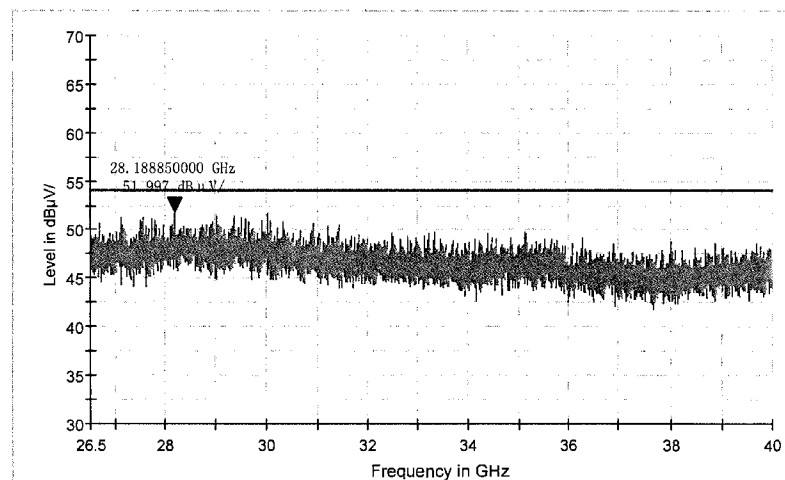
EUT Information

EUT Model Name: Insignia Flex 8" WiFi Android Tablet M/N: NS-P16AT08
Operation mode: TX 5180MHz
Test Voltage:
Comment:

Common Information

Test Site: SMQ EMC Lab.
Environment Conditions:
Antenna Polarization: Vertical
Operator Name:
Comment:

FCC Electric Field Strength 26.5-40GHz



EMI Sweep(1)

1 / 1

Radiated Emission

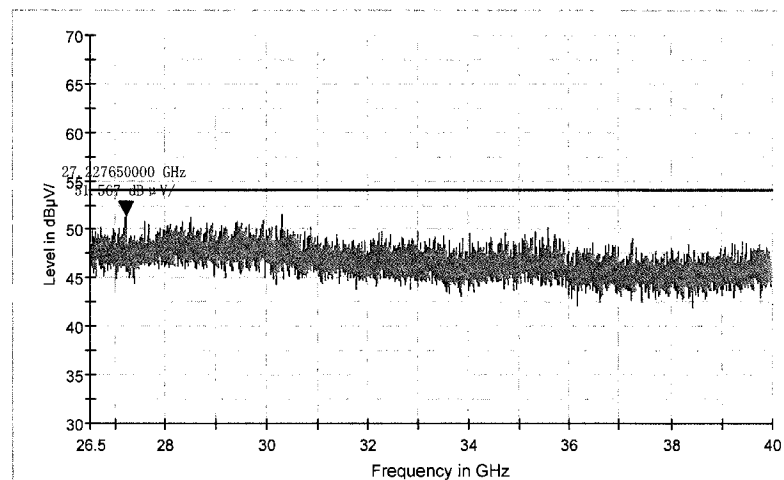
EUT Information

EUT Model Name: Insignia Flex 8" WiFi Android Tablet M/N: NS-P16AT08
Operation mode: TX 5200MHz
Test Voltage:
Comment:

Common Information

Test Site: SMQ EMC Lab.
Environment Conditions:
Antenna Polarization: Horizontal
Operator Name:
Comment:

FCC Electric Field Strength 26.5-40GHz



EMI Sweep(1)

1 / 1

Radiated Emission

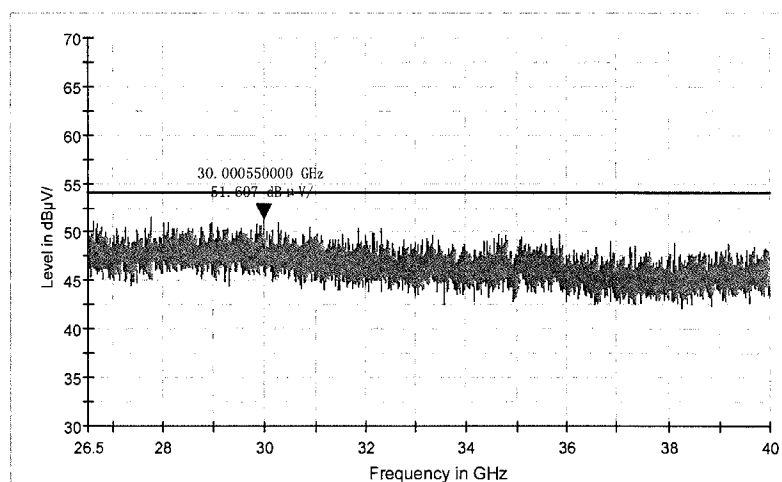
EUT Information

EUT Model Name: Insignia Flex 8" WiFi Android Tablet M/N: NS-P16AT08
Operation mode: TX 5200MHz
Test Voltage:
Comment:

Common Information

Test Site: SMQ EMC Lab.
Environment Conditions:
Antenna Polarization: Vertical
Operator Name:
Comment:

FCC Electric Field Strength 26.5-40GHz



EMI Sweep(1)

1 / 1

Radiated Emission

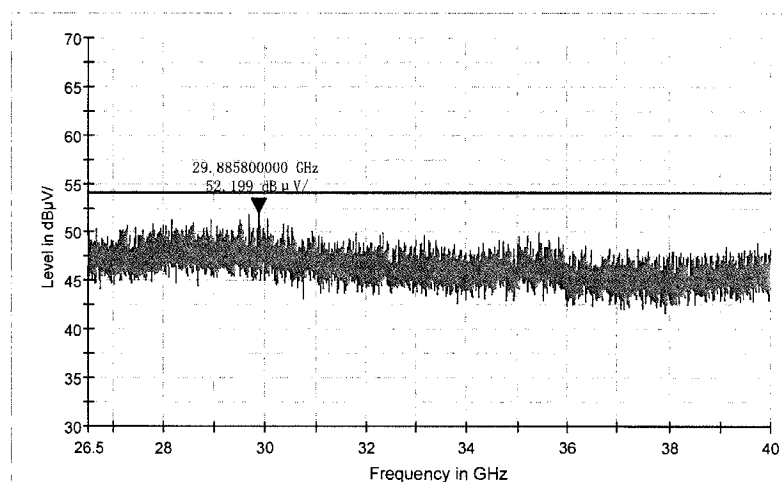
EUT Information

EUT Model Name: Insignia Flex 8" WiFi Android Tablet M/N: NS-P16AT08
Operation mode: TX 5220MHz
Test Voltage:
Comment:

Common Information

Test Site: SMQ EMC Lab.
Environment Conditions:
Antenna Polarization: Horizontal
Operator Name:
Comment:

FCC Electric Field Strength 26.5-40GHz



EMI Sweep(1)

1 / 1

Radiated Emission

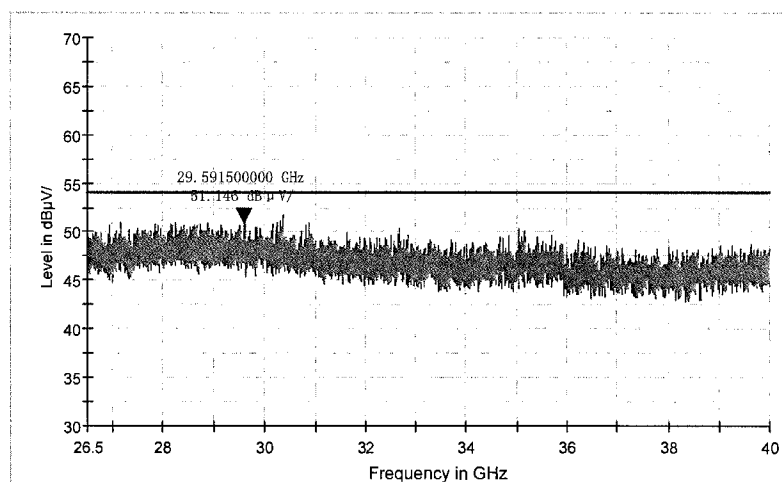
EUT Information

EUT Model Name: Insignia Flex 8" WiFi Android Tablet M/N: NS-P16AT08
Operation mode: TX 5220MHz
Test Voltage:
Comment:

Common Information

Test Site: SMQ EMC Lab.
Environment Conditions:
Antenna Polarization: Vertical
Operator Name:
Comment:

FCC Electric Field Strength 26.5-40GHz



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EMI Sweep(1)

1 / 1

Radiated Emission

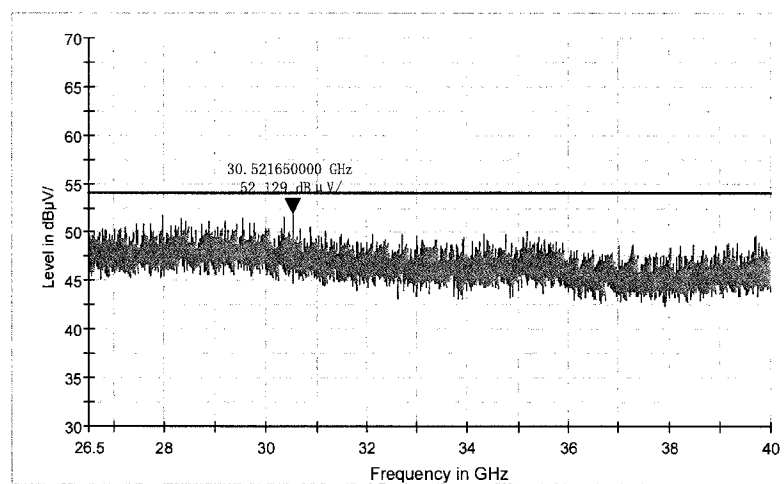
EUT Information

EUT Model Name: Insignia Flex 8" WiFi Android Tablet M/N: NS-P16AT08
Operation mode: TX 5240MHz
Test Voltage:
Comment:

Common Information

Test Site: SMQ EMC Lab.
Environment Conditions:
Antenna Polarization: Horizontal
Operator Name:
Comment:

FCC Electric Field Strength 26.5-40GHz



EMI Sweep(1)

1 / 1

Radiated Emission

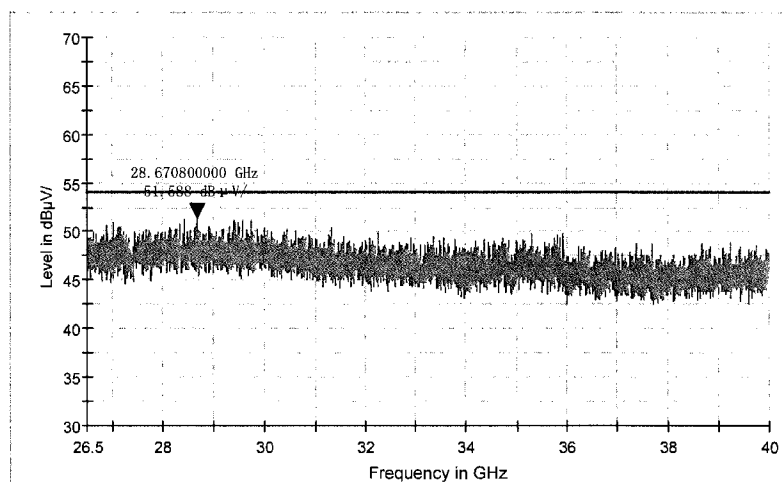
EUT Information

EUT Model Name: Insignia Flex 8" WiFi Android Tablet M/N: NS-P16AT08
Operation mode: TX 5240MHz
Test Voltage:
Comment:

Common Information

Test Site: SMQ EMC Lab.
Environment Conditions:
Antenna Polarization: Vertical
Operator Name:
Comment:

FCC Electric Field Strength 26.5-40GHz



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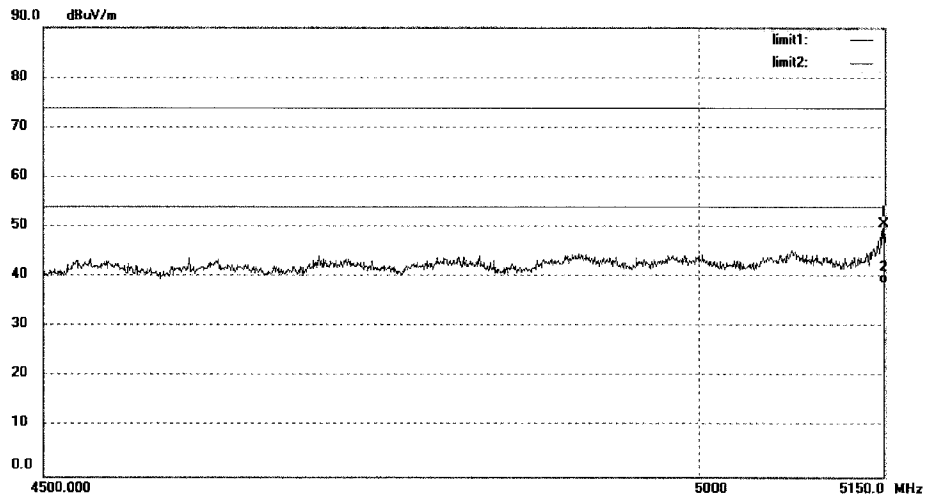
Test Plot of Band Edge of 802.11a Band 1


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 Science & Industry Park,Nanshan Shenzhen,P.R.China

 Site: 2# Chamber
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 Fax:+86-0755-26503396

Job No.: YULIAH #476	Polarization: Horizontal
Standard: FCC (Band Edge)	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2015/05/09
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Insignia Flex 8" WiFi Android Tablet	Engineer Signature: PEI
Mode: TX 5180MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5149.350	50.31	0.51	50.82	74.00	-23.18	peak			
2	5149.350	38.22	0.51	38.73	54.00	-15.27	AVG			


ACCURATE TECHNOLOGY CO., LTD.

F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: YULIAH #475

Standard: FCC (Band Edge)

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 5180MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

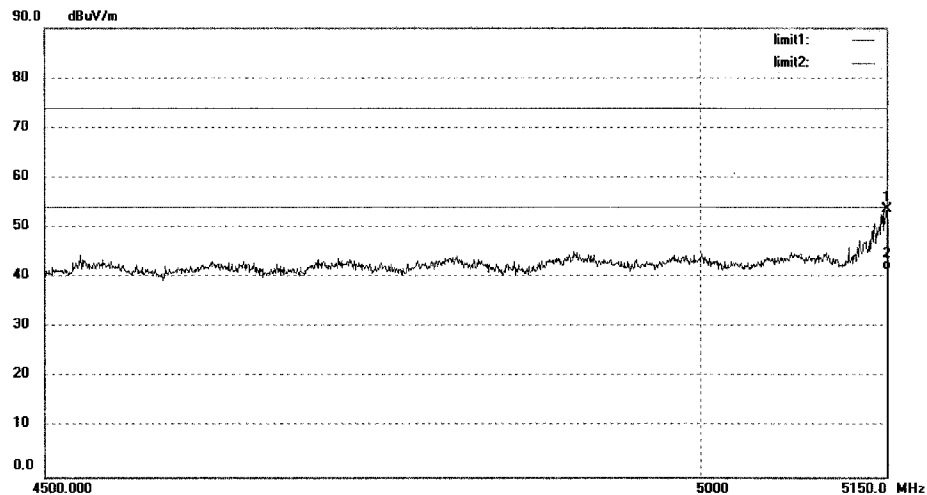
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5150.000	53.18	0.51	53.69	74.00	-20.31	peak			
2	5150.000	41.05	0.51	41.56	54.00	-12.44	AVG			

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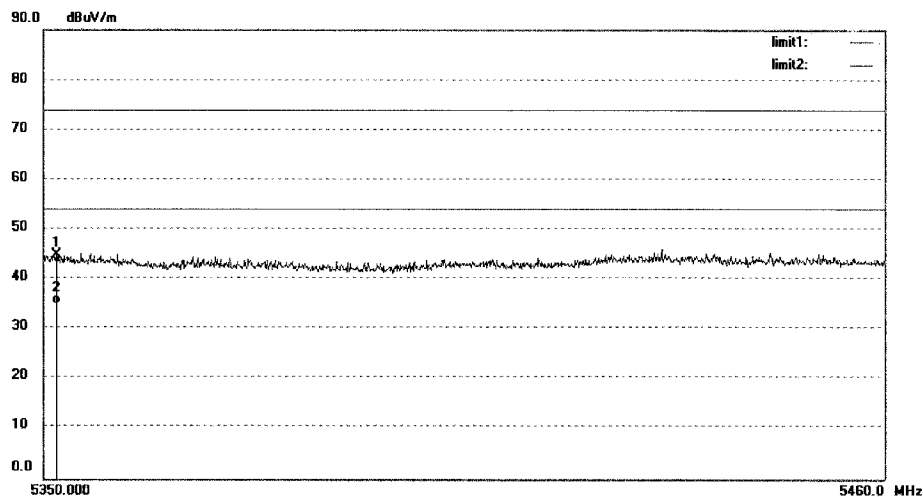
ACCURATE TECHNOLOGY CO., LTD.
 F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
 Science & Industry Park,Nanshan Shenzhen,P.R.China

 Site: 2# Chamber
 Tel:+86-0755-26503290
 Fax:+86-0755-26503396

 Job No.: YULIAH #477
 Standard: FCC (Band Edge)
 Test item: Radiation Test
 Temp.(C)/Hum.(%) 23 C / 48 %
 EUT: Insignia Flex 8" WiFi Android Tablet
 Mode: TX 5240MHz
 Model: NS-P16AT08
 Manufacturer:

 Polarization: Horizontal
 Power Source: AC 120V/60Hz
 Date: 2015/05/09
 Time:
 Engineer Signature: PEI
 Distance: 3m

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5351.650	44.15	0.84	44.99	74.00	-29.01	peak			
2	5351.650	34.22	0.84	35.06	54.00	-18.94	AVG			

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 Science & Industry Park,Nanshan Shenzhen,P.R.China

 Site: 2# Chamber
 Tel:+86-0755-26503290
 Fax:+86-0755-26503396

Job No.: YULIAH #478

Polarization: Vertical

Standard: FCC (Band Edge)

Power Source: AC 120V/60Hz

Test item: Radiation Test

Date: 2015/05/09

Temp.(C)/Hum.(%) 23 C / 48 %

Time:

EUT: Insignia Flex 8" WiFi Android Tablet

Engineer Signature: PEI

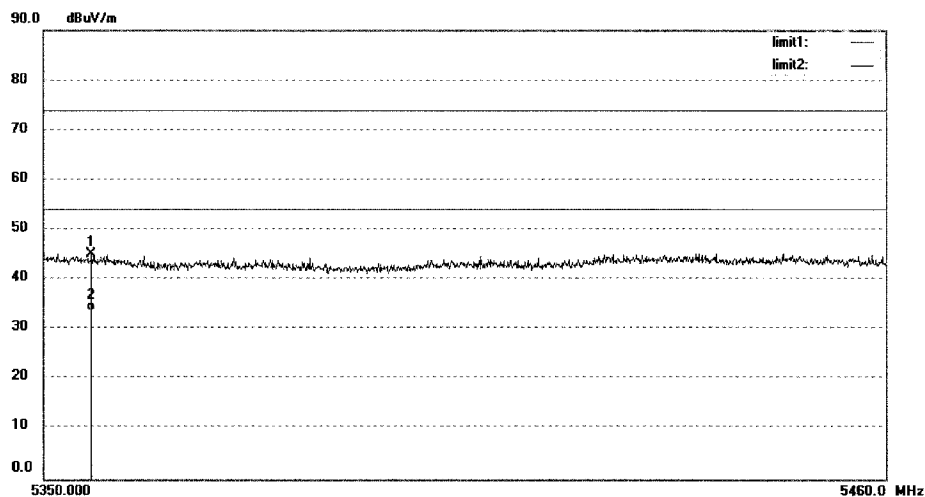
Mode: TX 5240MHz

Distance: 3m

Model: NS-P16AT08

Manufacturer:

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5356.270	44.21	0.82	45.03	74.00	-28.97	peak			
2	5356.270	32.85	0.82	33.67	54.00	-20.33	AVG			

Test Plot of Spurious Emission of 802.11a Band 4

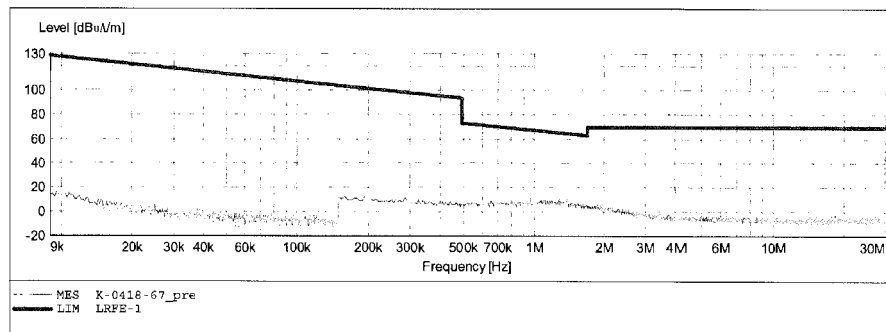
ACCURATE TECHNOLOGY CO.,LTD

FCC Class B 3m Radiated

EUT: Insignia Flex 8" WiFi Android Tablet M/N:NS-P16AT08
 Manufacturer:
 Operating Condition: TX 5745MHz
 Test Site: 2# Chamber
 Operator: LAN
 Test Specification: AC 120V/60Hz
 Comment: X

SCAN TABLE: "LFRE Fin"

Short Description:			_SUB_STD_VTERM2 1.70			
Start	Stop	Step	Detector	Meas. Time	IF Bandw.	Transducer
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak	1.0 s	200 Hz	1516M
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak	1.0 s	9 kHz	1516M



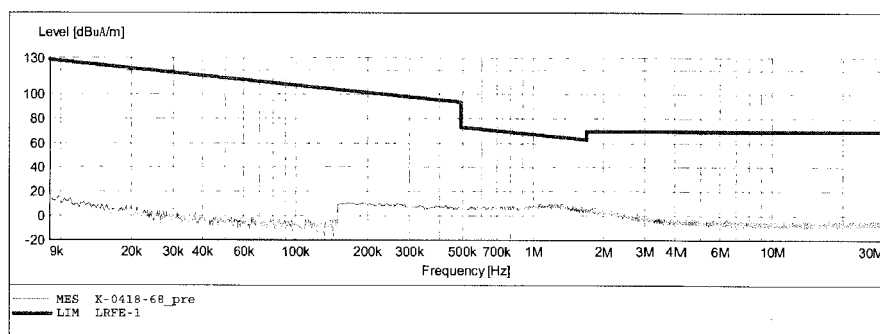
ACCURATE TECHNOLOGY CO.,LTD

FCC Class B 3m Radiated

EUT: Insignia Flex 8" WiFi Android Tablet M/N:NS-P16AT08
 Manufacturer:
 Operating Condition: TX 5745MHz
 Test Site: 2# Chamber
 Operator: LAN
 Test Specification: AC 120V/60Hz
 Comment: Y

SCAN TABLE: "LFRE Fin"

Short Description:			_SUB STD_VTERM2 1.70			
Start	Stop	Step	Detector	Meas. Time	IF Bandw.	Transducer
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak	1.0 s	200 Hz	1516M
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak	1.0 s	9 kHz	1516M

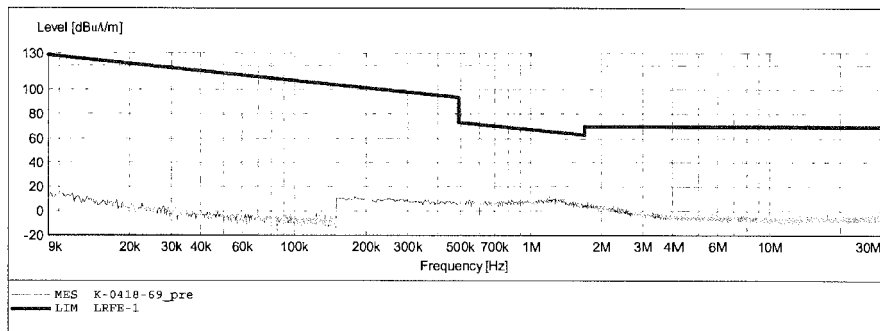


ACCURATE TECHNOLOGY CO.,LTD
FCC Class B 3m Radiated

EUT: Insignia Flex 8" WiFi Android Tablet M/N:NS-P16AT08
 Manufacturer:
 Operating Condition: TX 5745MHz
 Test Site: 2# Chamber
 Operator: LAN
 Test Specification: AC 120V/60Hz
 Comment: Z

SCAN TABLE: "LFRE Fin"

Short Description:			_SUB STD VTERM2 1.70			
Start	Stop	Step	Detector	Meas. Time	IF Bandw.	Transducer
Frequency	Frequency	Width				
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak	1.0 s	200 Hz	1516M
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak	1.0 s	9 kHz	1516M



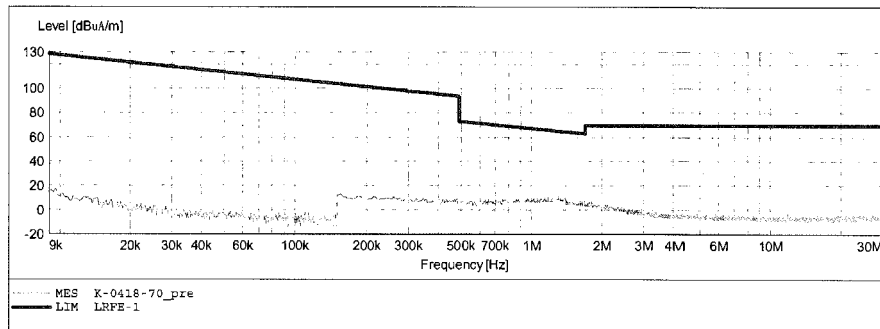
ACCURATE TECHNOLOGY CO.,LTD

FCC Class B 3m Radiated

EUT: Insignia Flex 8" WiFi Android Tablet M/N:NS-P16AT08
Manufacturer:
Operating Condition: TX 5765MHz
Test Site: 2# Chamber
Operator: LAN
Test Specification: AC 120V/60Hz
Comment: X

SCAN TABLE: "LFRE Fin"

Start	Stop	Step	Detector	Meas. Time	IF Bandw.	Transducer
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak	1.0 s	200 Hz	1516M
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak	1.0 s	9 kHz	1516M

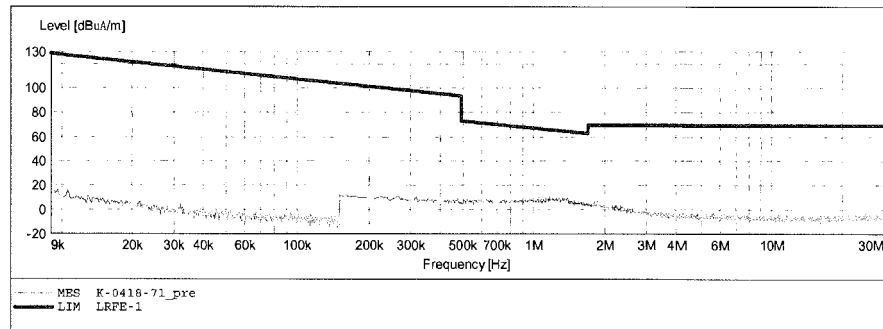


ACCURATE TECHNOLOGY CO.,LTD
FCC Class B 3m Radiated

EUT: Insignia Flex 8" WiFi Android Tablet M/N:NS-P16AT08
 Manufacturer:
 Operating Condition: TX 5765MHz
 Test Site: 2# Chamber
 Operator: LAN
 Test Specification: AC 120V/60Hz
 Comment: Y

SCAN TABLE: "LFRE Fin"

Short Description:			_SUB STD VTERM2 1.70			
Start	Stop	Step	Detector	Meas. Time	IF Bandw.	Transducer
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak	1.0 s	200 Hz	1516M
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak	1.0 s	9 kHz	1516M

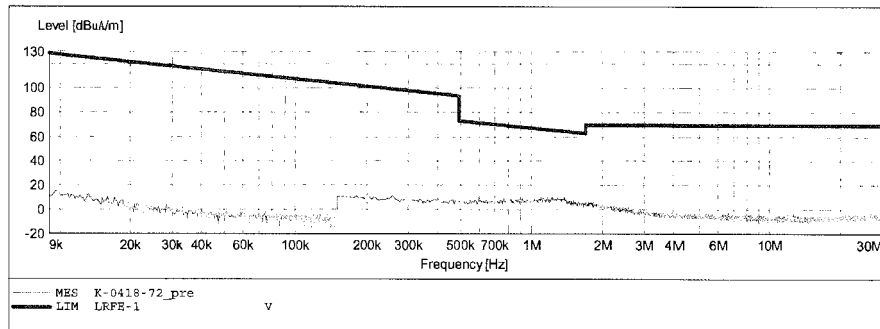


ACCURATE TECHNOLOGY CO.,LTD
FCC Class B 3m Radiated

EUT: Insignia Flex 8" WiFi Android Tablet M/N:NS-P16AT08
 Manufacturer:
 Operating Condition: TX 5765MHz
 Test Site: 2# Chamber
 Operator: LAN
 Test Specification: AC 120V/60Hz
 Comment: Z

SCAN TABLE: "LFRE Fin"

Short Description:			_SUB STD VTERM2 1.70			
Start	Stop	Step	Detector	Meas. Time	IF Bandw.	Transducer
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak	1.0 s	200 Hz	1516M
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak	1.0 s	9 kHz	1516M



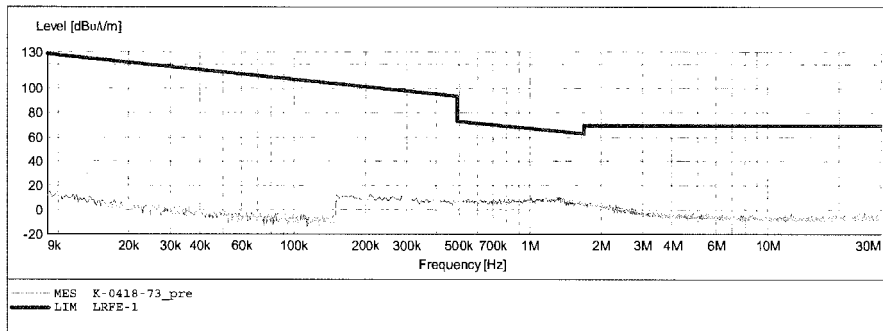
ACCURATE TECHNOLOGY CO.,LTD

FCC Class B 3m Radiated

EUT: Insignia Flex 8" WiFi Android Tablet M/N:NS-P16AT08
 Manufacturer:
 Operating Condition: TX 5785MHz
 Test Site: 2# Chamber
 Operator: LAN
 Test Specification: AC 120V/60Hz
 Comment: X

SCAN TABLE: "LFRE Fin"

Short Description:			_SUB_STD_VTERM2 1.70			
Start	Stop	Step	Detector	Meas. Time	IF Bandw.	Transducer
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak	1.0 s	200 Hz	1516M
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak	1.0 s	9 kHz	1516M



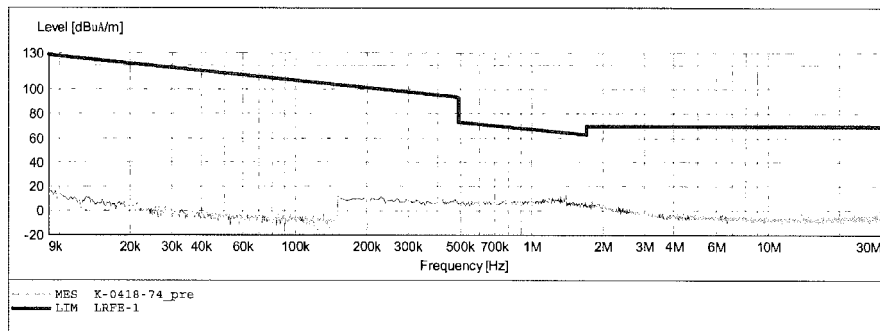
ACCURATE TECHNOLOGY CO.,LTD

FCC Class B 3m Radiated

EUT: Insignia Flex 8" WiFi Android Tablet M/N:NS-P16AT08
 Manufacturer:
 Operating Condition: TX 5785MHz
 Test Site: 2# Chamber
 Operator: LAN
 Test Specification: AC 120V/60Hz
 Comment: Y

SCAN TABLE: "LFRE Fin"

Short Description:			SUB STD VTERM2 1.70			
Start	Stop	Step	Detector	Meas. Time	IF Bandw.	Transducer
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak	1.0 s	200 Hz	1516M
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak	1.0 s	9 kHz	1516M

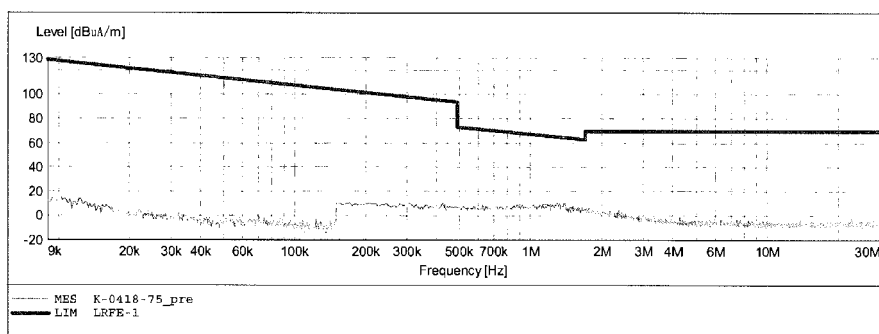


ACCURATE TECHNOLOGY CO.,LTD
FCC Class B 3m Radiated

EUT: Insignia Flex 8" WiFi Android Tablet M/N:NS-P16AT08
 Manufacturer:
 Operating Condition: TX 5785MHz
 Test Site: 2# Chamber
 Operator: LAN
 Test Specification: AC 120V/60Hz
 Comment: Z

SCAN TABLE: "LFRE Fin"

Short Description:			SUB STD VTERM2 1.70			
Start	Stop	Step	Detector	Meas. Time	IF Bandw.	Transducer
Frequency	Frequency	Width				
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak	1.0 s	200 Hz	1516M
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak	1.0 s	9 kHz	1516M

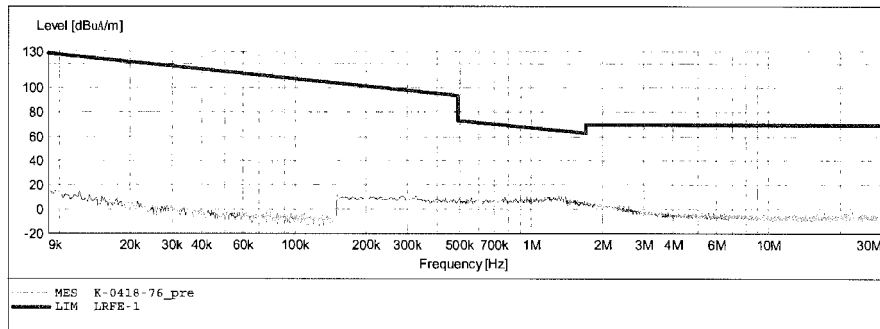


ACCURATE TECHNOLOGY CO.,LTD
FCC Class B 3m Radiated

EUT: Insignia Flex 8" WiFi Android Tablet M/N:NS-P16AT08
 Manufacturer:
 Operating Condition: TX 5805MHz
 Test Site: 2# Chamber
 Operator: LAN
 Test Specification: AC 120V/60Hz
 Comment: X

SCAN TABLE: "LFRE Fin"

Short Description:			_SUB_STD_VTERM2 1.70			
Start	Stop	Step	Detector	Meas. Time	IF Bandw.	Transducer
Frequency	Frequency	Width				
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak	1.0 s	200 Hz	1516M
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak	1.0 s	9 kHz	1516M

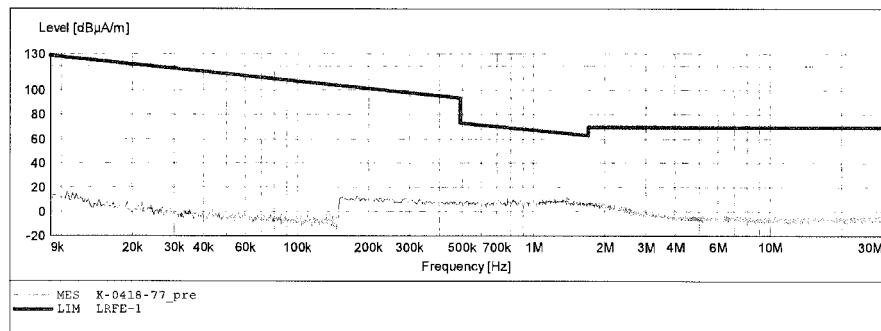


ACCURATE TECHNOLOGY CO.,LTD
FCC Class B 3m Radiated

EUT: Insignia Flex 8" WiFi Android Tablet M/N:NS-P16AT08
 Manufacturer:
 Operating Condition: TX 5805MHz
 Test Site: 2# Chamber
 Operator: LAN
 Test Specification: AC 120V/60Hz
 Comment: Y

SCAN TABLE: "LFRE Fin"

Short Description:			SUB STD VTERM2 1.70			
Start	Stop	Step	Detector	Meas. Time	IF Bandw.	Transducer
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak	1.0 s	200 Hz	1516M
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak	1.0 s	9 kHz	1516M



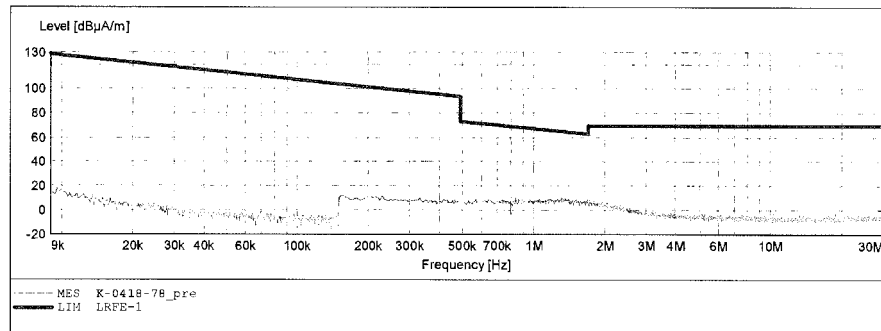
ACCURATE TECHNOLOGY CO.,LTD

FCC Class B 3m Radiated

EUT: Insignia Flex 8" WiFi Android Tablet M/N:NS-P16AT08
 Manufacturer:
 Operating Condition: TX 5805MHz
 Test Site: 2# Chamber
 Operator: LAN
 Test Specification: AC 120V/60Hz
 Comment: Z

SCAN TABLE: "LFRE Fin"

Short Description:			SUB STD VTERM2 1.70			
Start	Stop	Step	Detector	Meas. Time	IF Bandw.	Transducer
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak	1.0 s	200 Hz	1516M
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak	1.0 s	9 kHz	1516M

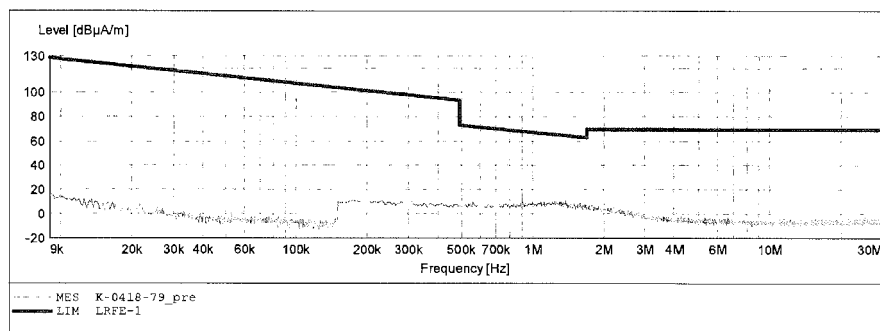


ACCURATE TECHNOLOGY CO., LTD
FCC Class B 3m Radiated

EUT: Insignia Flex 8" WiFi Android Tablet M/N: NS-P16AT08
 Manufacturer:
 Operating Condition: TX 5825MHz
 Test Site: 2# Chamber
 Operator: LAN
 Test Specification: AC 120V/60Hz
 Comment: X

SCAN TABLE: "LFRE Fin"

Short Description:			SUB STD VTERM2 1.70			
Start	Stop	Step	Detector	Meas. Time	IF Bandw.	Transducer
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak	1.0 s	200 Hz	1516M
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak	1.0 s	9 kHz	1516M

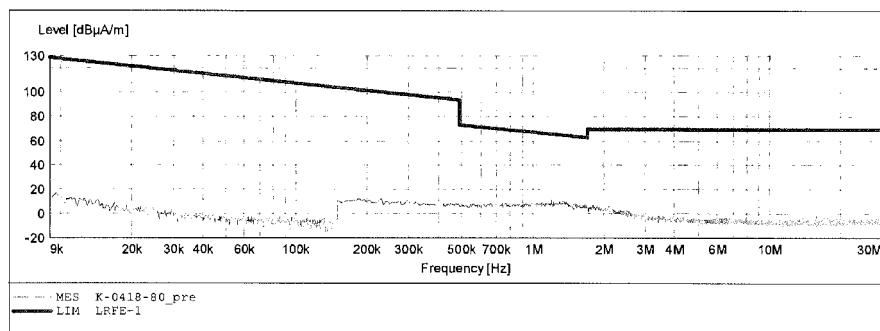


ACCURATE TECHNOLOGY CO.,LTD
FCC Class B 3m Radiated

EUT: Insignia Flex 8" WiFi Android Tablet M/N:NS-P16AT08
 Manufacturer:
 Operating Condition: TX 5825MHz
 Test Site: 2# Chamber
 Operator: LAN
 Test Specification: AC 120V/60Hz
 Comment: Y

SCAN TABLE: "LFRE Fin"

Short Description:			_SUB STD VTERM2 1.70			
Start	Stop	Step	Detector	Meas. Time	IF Bandw.	Transducer
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak	1.0 s	200 Hz	1516M
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak	1.0 s	9 kHz	1516M



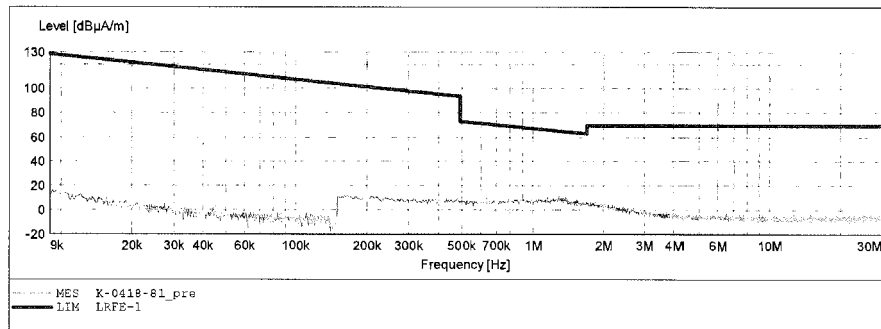
ACCURATE TECHNOLOGY CO.,LTD

FCC Class B 3m Radiated

EUT: Insignia Flex 8" WiFi Android Tablet M/N:NS-P16AT08
 Manufacturer:
 Operating Condition: TX 5825MHz
 Test Site: 2# Chamber
 Operator: LAN
 Test Specification: AC 120V/60Hz
 Comment: Z

SCAN TABLE: "LFRE Fin"

Short Description:			SUB STD VTERM2 1.70			
Start	Stop	Step	Detector	Meas. Time	IF Bandw.	Transducer
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak	1.0 s	200 Hz	1516M
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak	1.0 s	9 kHz	1516M



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ACCURATE TECHNOLOGY CO., LTD.

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Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber

Tel: +86-0755-26503290

Fax: +86-0755-26503396

Job No.: YULIAH #386

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 5745MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

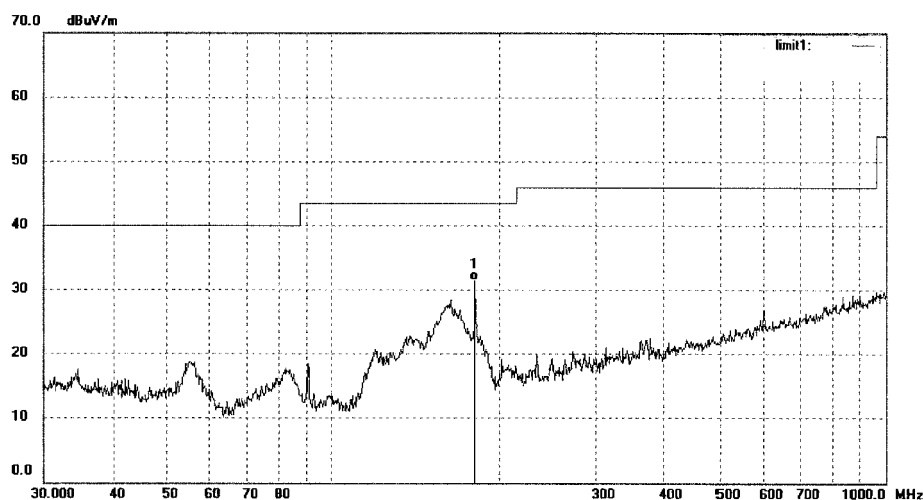
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	181.2834	44.76	-13.28	31.48	43.50	-12.02	QP			


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Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: YULIAH #387

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 5745MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

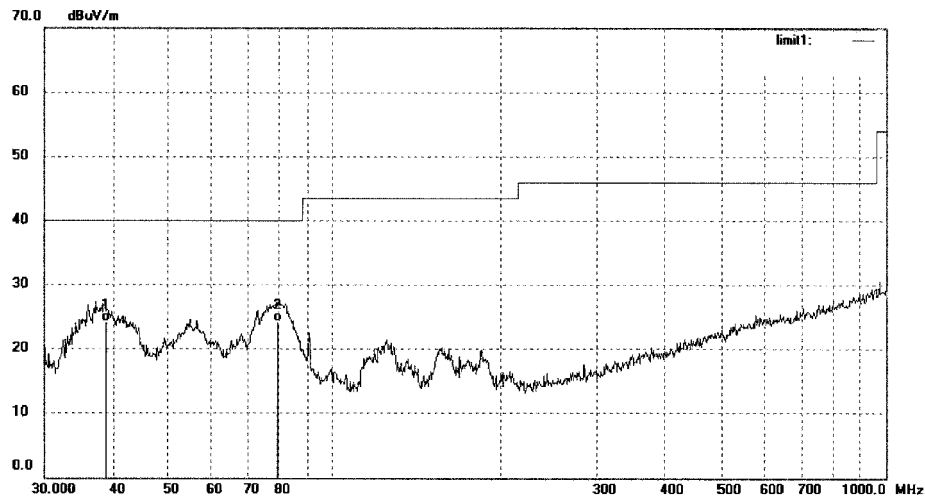
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	38.6160	35.39	-11.23	24.16	40.00	-15.84	QP			
2	79.5208	40.71	-16.54	24.17	40.00	-15.83	QP			


ACCURATE TECHNOLOGY CO., LTD.

F1,Bldg.A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: YULIAH #389

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 5765MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

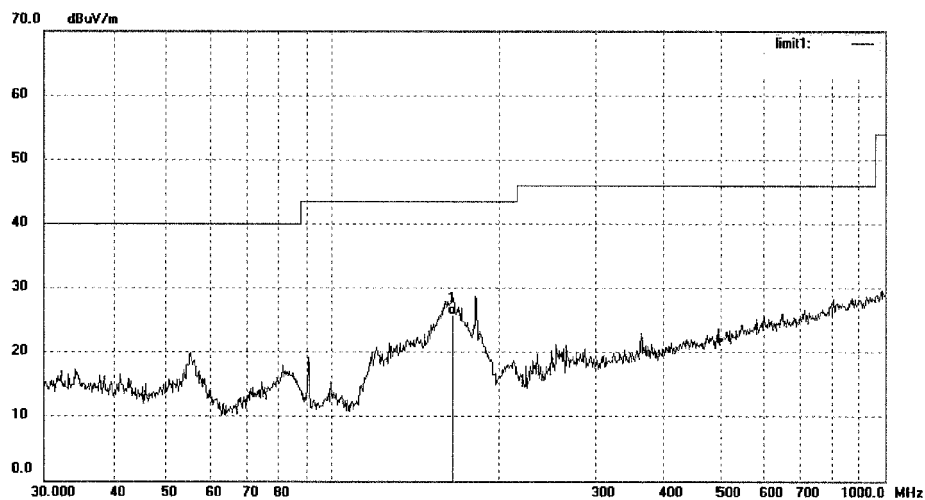
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	164.9074	40.35	-14.46	25.89	43.50	-17.61	QP			

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ACCURATE TECHNOLOGY CO., LTD.

F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: YULIAH #388

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 5765MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

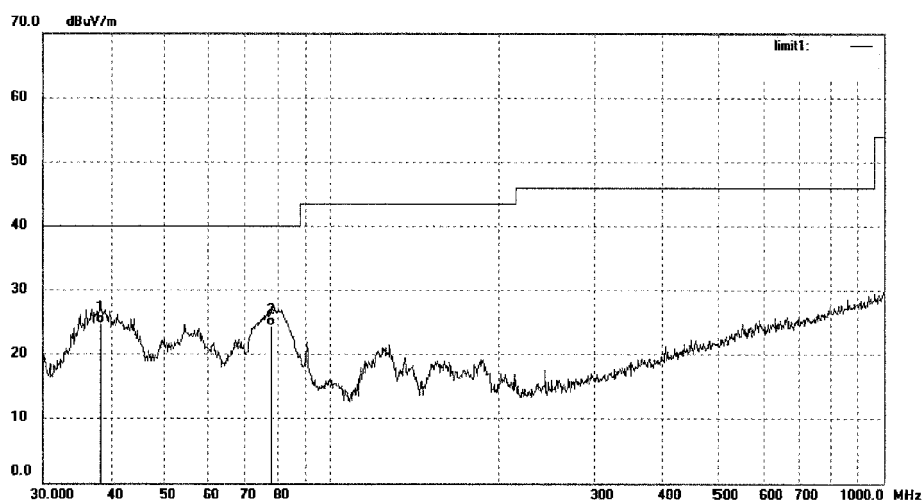
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	38.2120	35.82	-11.14	24.68	40.00	-15.32	QP			
2	78.1389	40.99	-16.61	24.38	40.00	-15.62	QP			


ACCURATE TECHNOLOGY CO., LTD.

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 Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: YULIAH #390

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 5785MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

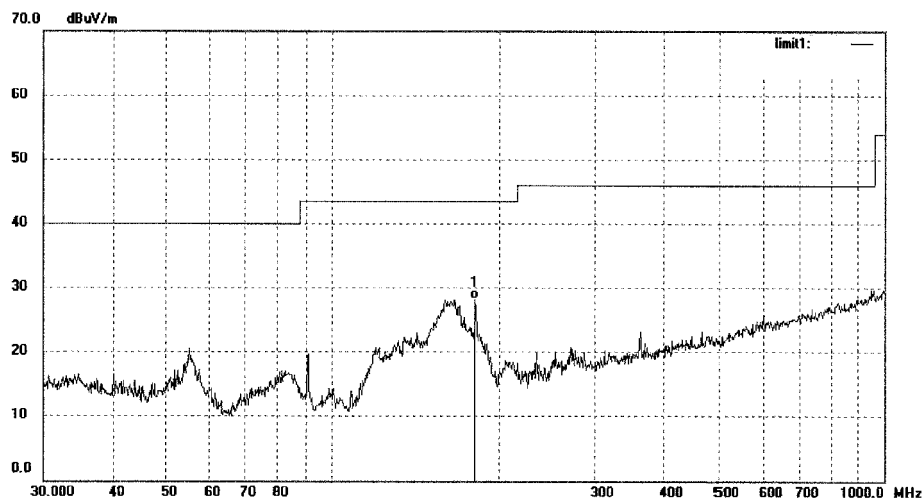
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	181.2834	41.63	-13.28	28.35	43.50	-15.15	QP			


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Fax:+86-0755-26503396

Job No.: YULIAH #391

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 5785MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

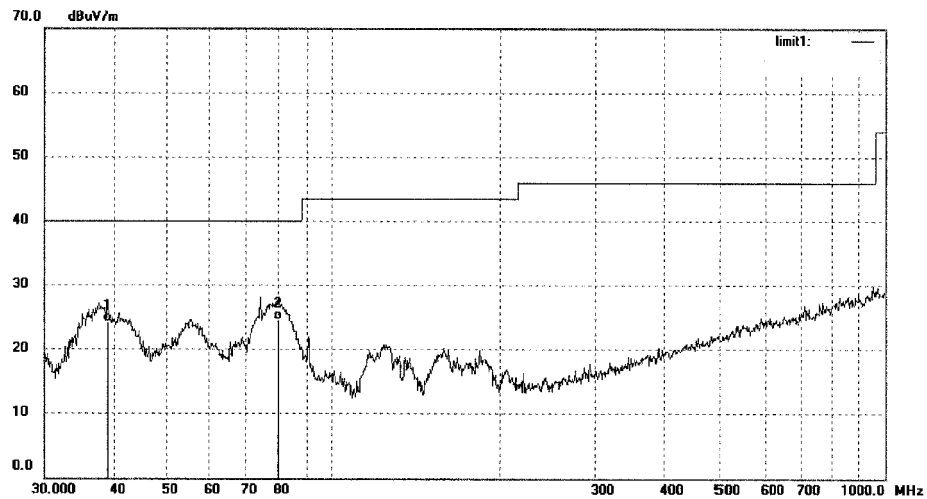
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	39.0245	35.65	-11.33	24.32	40.00	-15.68	QP			
2	79.8003	41.19	-16.52	24.67	40.00	-15.33	QP			


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Job No.: YULIAH #393

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 5805MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

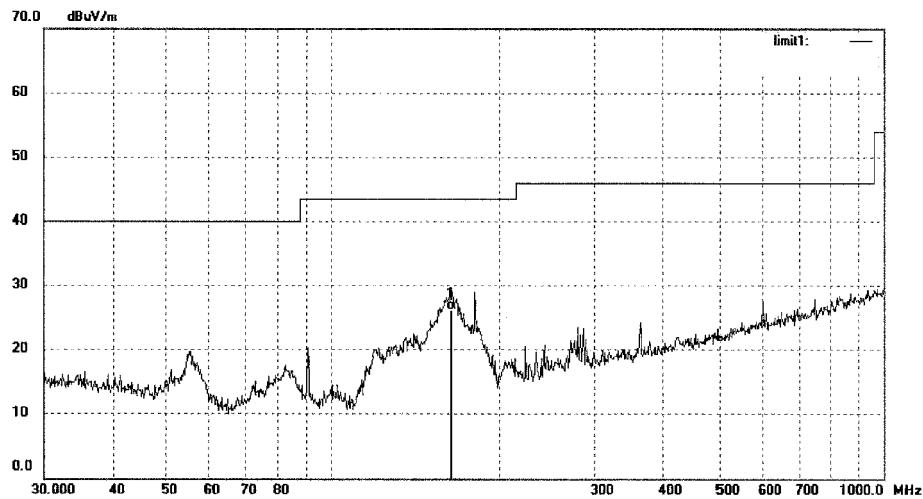
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	164.3301	40.69	-14.48	26.21	43.50	-17.29	QP			


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Job No.: YULIAH #392

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 5805MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

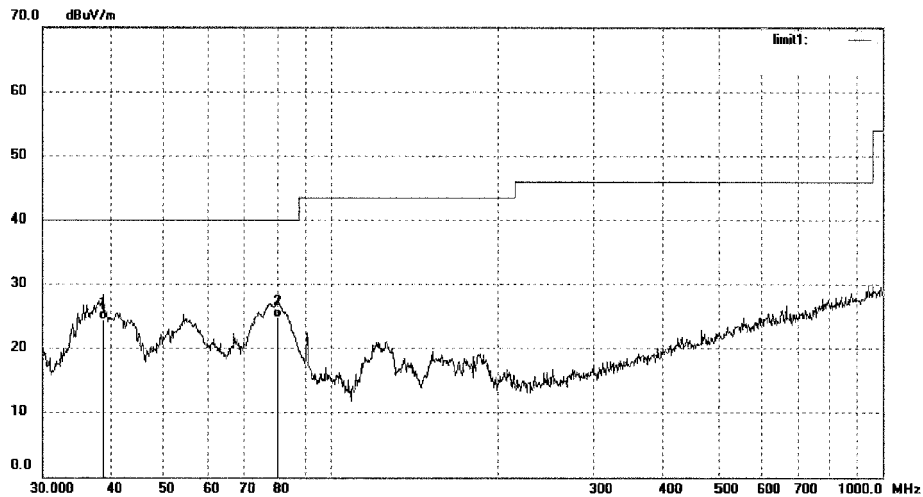
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	38.7518	35.75	-11.26	24.49	40.00	-15.51	QP			
2	80.3619	41.17	-16.43	24.74	40.00	-15.26	QP			

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Job No.: YULIAH #394

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 5825MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

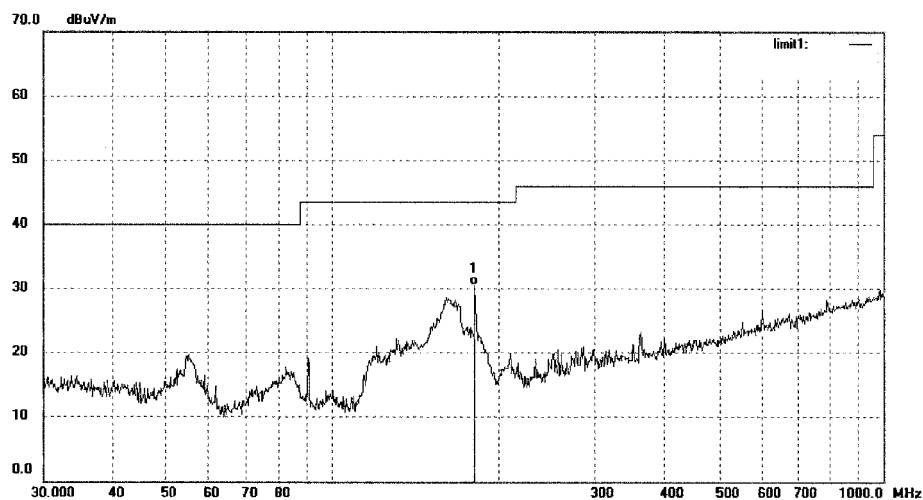
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	181.2834	43.74	-13.28	30.46	43.50	-13.04	QP			


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Fax:+86-0755-26503396

Job No.: YULIAH #395

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 5825MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

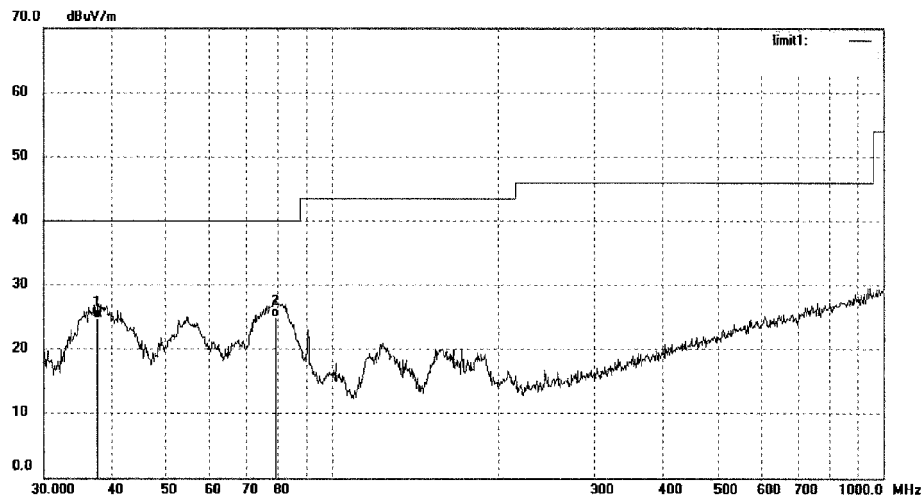
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	37.6798	35.84	-11.02	24.82	40.00	-15.18	QP			
2	78.9652	41.51	-16.57	24.94	40.00	-15.06	QP			


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Job No.: YULIAH #465

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 5745MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

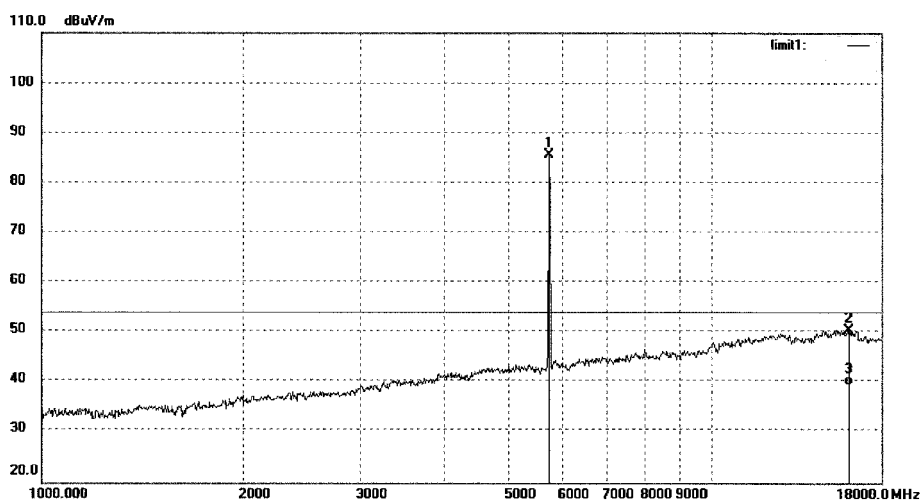
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5745.000	84.00	1.50	85.50	/	/	peak			
2	16127.689	10.41	40.08	50.49	74.00	-23.51	peak			
3	16127.689	-0.72	40.08	39.36	54.00	-14.64	AVG			


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Job No.: YULIAH #466

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 5745MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

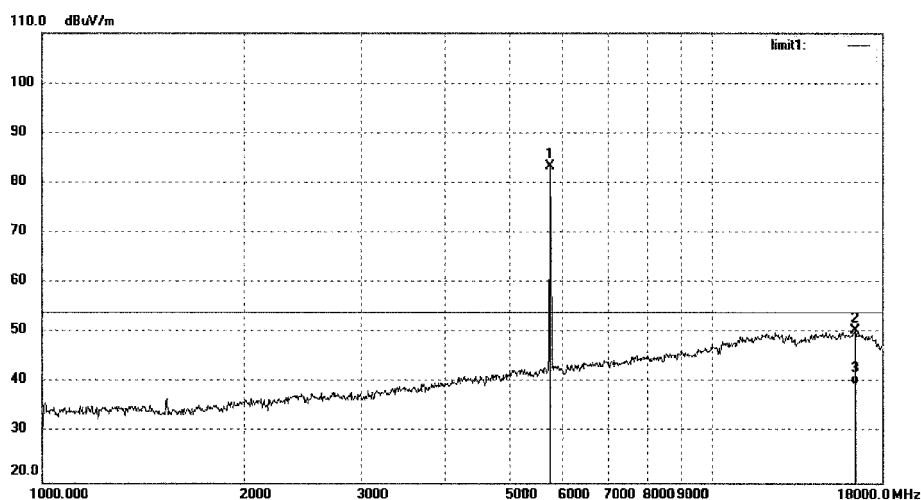
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5745.000	81.85	1.50	83.35	/	/	peak			
2	16457.318	10.28	40.27	50.55	74.00	-23.45	peak			
3	16457.318	-0.47	40.27	39.80	54.00	-14.20	AVG			


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Job No.: YULIAH #468

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 5765MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

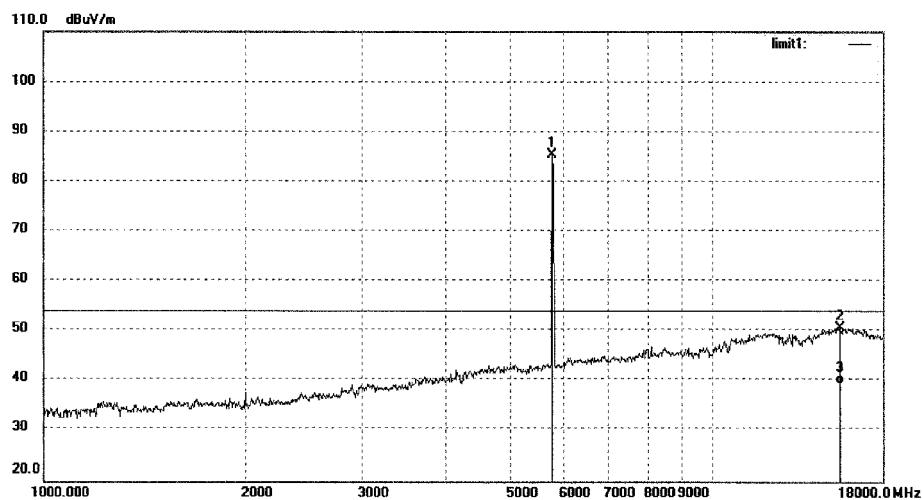
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5765.000	83.68	1.68	85.36	/	/	peak			
2	15577.899	10.72	40.08	50.80	74.00	-23.20	peak			
3	15577.899	-0.66	40.08	39.42	54.00	-14.58	AVG			


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Job No.: YULIAH #467

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 5765MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

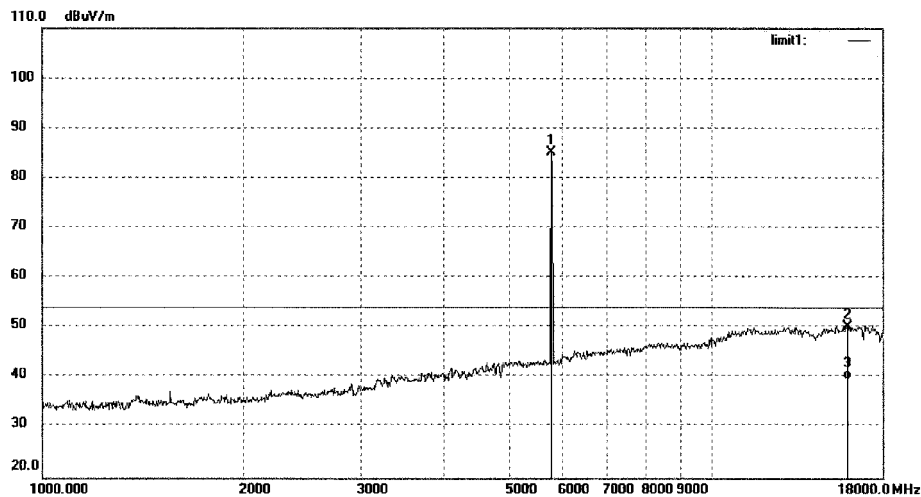
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5765.000	83.38	1.68	85.06	/	/	peak			
2	15988.449	10.36	40.00	50.36	74.00	-23.64	peak			
3	15988.449	-0.25	40.00	39.75	54.00	-14.25	AVG			


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Job No.: YULIAH #469

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 5785MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

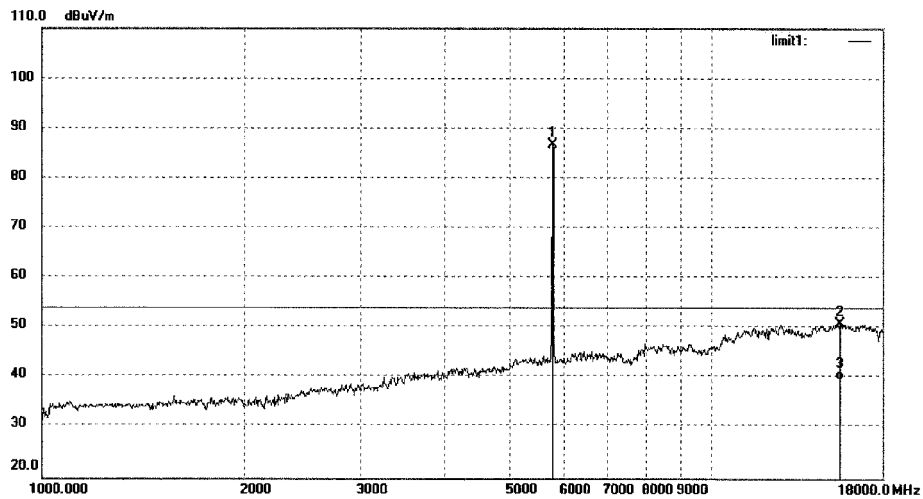
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5785.000	84.96	1.86	86.82	/	/	peak			
2	15577.899	10.77	40.08	50.85	74.00	-23.15	peak			
3	15577.899	-0.49	40.08	39.59	54.00	-14.41	AVG			


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Job No.: YULIAH #470

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 5785MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

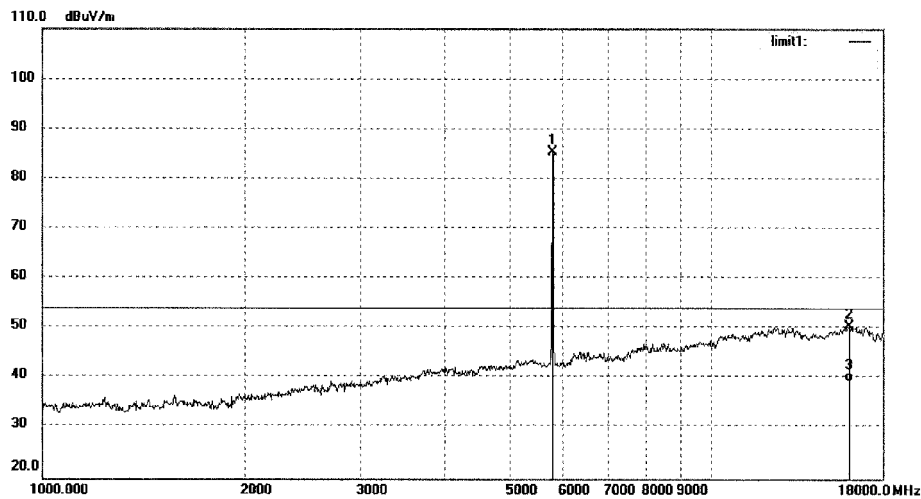
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5785.000	83.40	1.86	85.26	/	/	peak			
2	16034.728	10.51	40.02	50.53	74.00	-23.47	peak			
3	16034.728	-0.58	40.02	39.44	54.00	-14.56	AVG			


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Fax:+86-0755-26503396

Job No.: YULIAH #472

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 5805MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

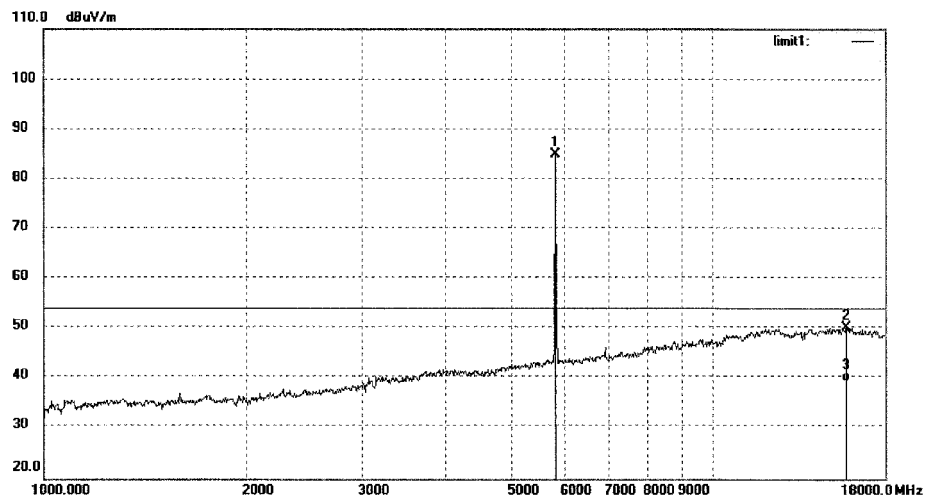
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5805.000	82.86	1.98	84.84	/	/	peak			
2	15759.048	10.17	40.05	50.22	74.00	-23.78	peak			
3	15759.048	-0.63	40.05	39.42	54.00	-14.58	AVG			


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Job No.: YULIAH #471

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 5805MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

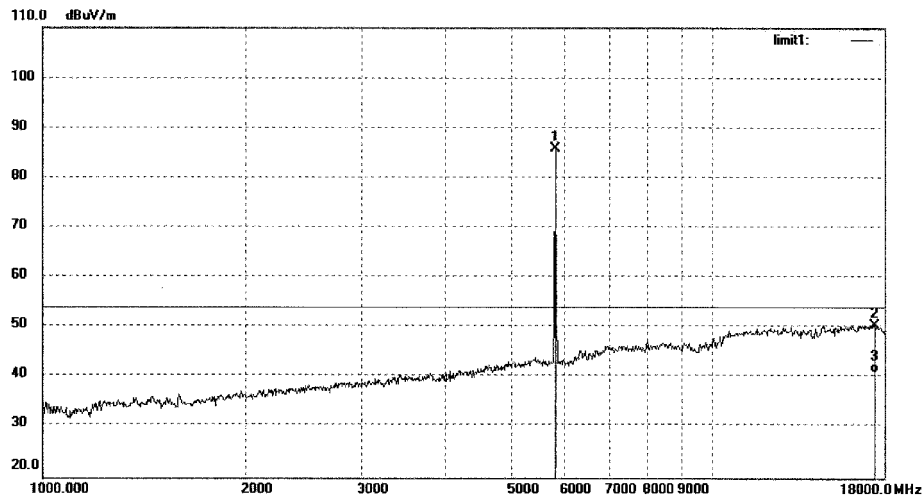
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5805.000	83.79	1.98	85.77	/	/	peak			
2	17436.709	7.13	43.45	50.58	74.00	-23.42	peak			
3	17436.709	-2.33	43.45	41.12	54.00	-12.88	AVG			


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Job No.: YULIAH #473

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 5825MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

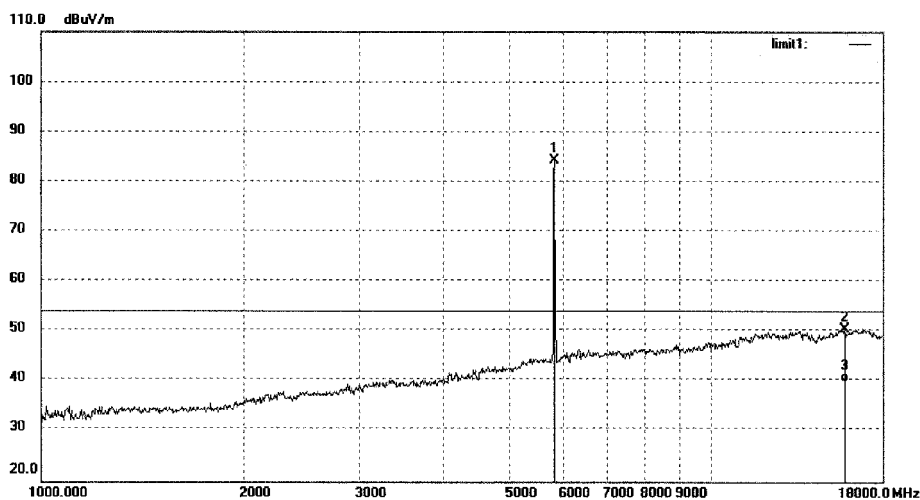
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5825.000	82.36	1.97	84.33	/	/	peak			
2	15804.663	10.38	40.04	50.42	74.00	-23.58	peak			
3	15804.663	-0.18	40.04	39.86	54.00	-14.14	AVG			


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Job No.: YULIAH #474

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 5825MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

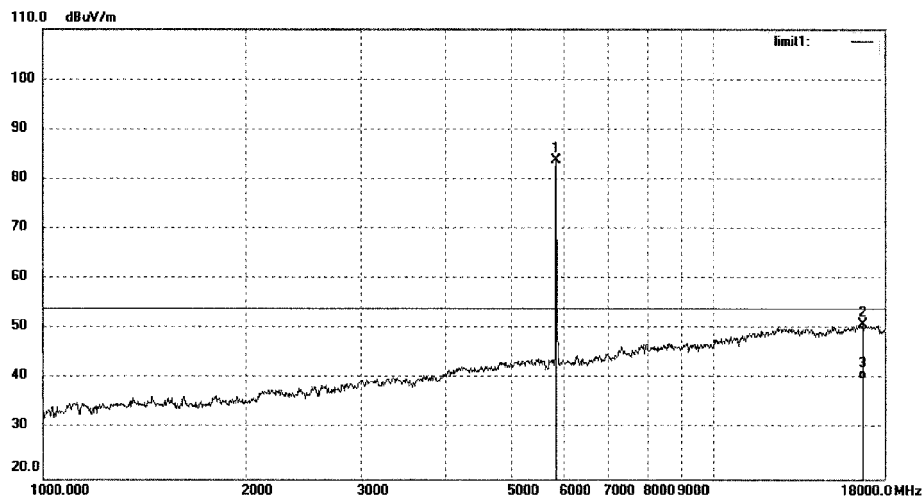
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5825.000	81.89	1.97	83.86	/	/	peak			
2	16696.884	10.08	40.85	50.93	74.00	-23.07	peak			
3	16696.884	-0.85	40.85	40.00	54.00	-14.00	AVG			

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Job No.: YULIAH #620

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 5745MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

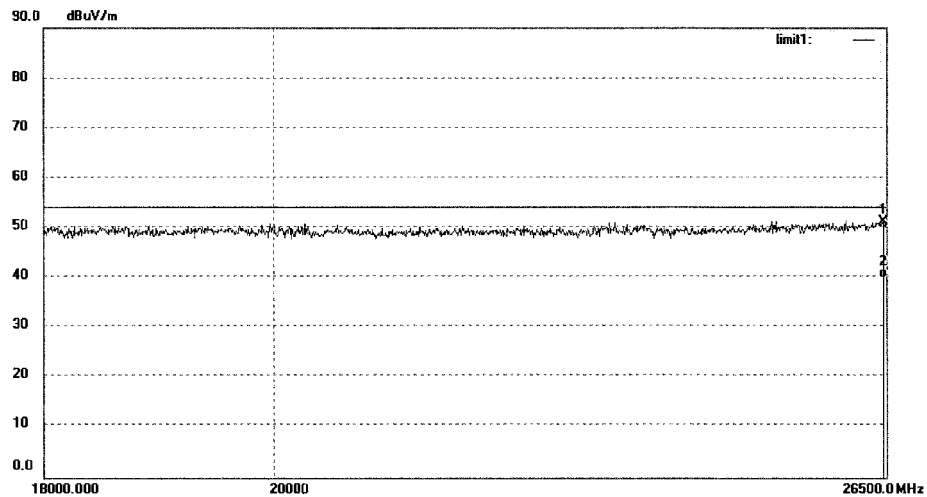
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26469.208	34.62	16.50	51.12	74.00	-22.88	peak			
2	26469.208	23.45	16.50	39.95	54.00	-14.05	AVG			

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Job No.: YULIAH #619

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 5745MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

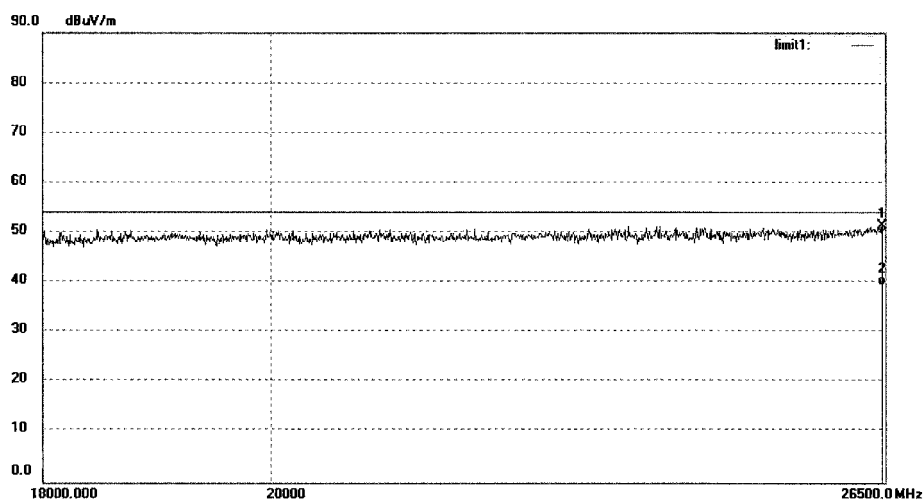
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26469.208	34.48	16.92	51.40	74.00	-22.60	peak			
2	26469.208	22.65	16.92	39.57	54.00	-14.43	AVG			

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 Test Report No.

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ACCURATE TECHNOLOGY CO., LTD.

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 Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: YULIAH #621

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 5765MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

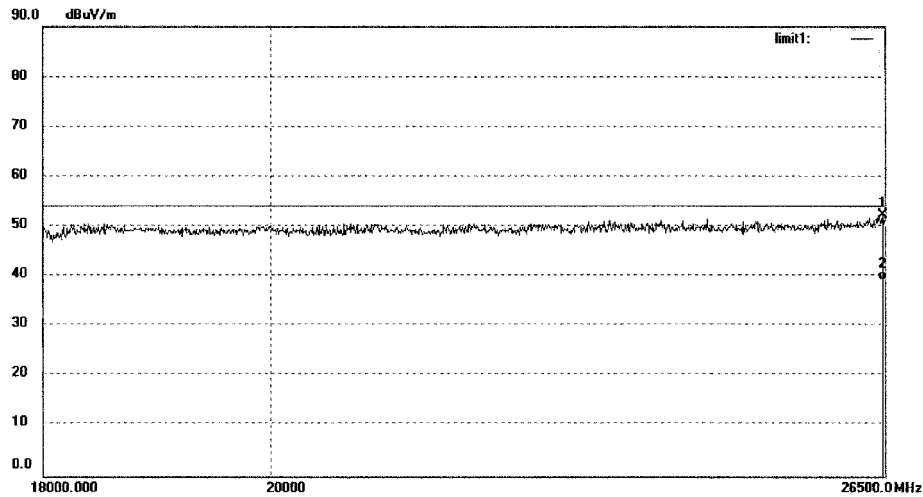
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26479.468	35.72	16.50	52.22	74.00	-21.78	peak			
2	26479.468	22.70	16.50	39.20	54.00	-14.80	AVG			


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Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: YULIAH #622

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 5765MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

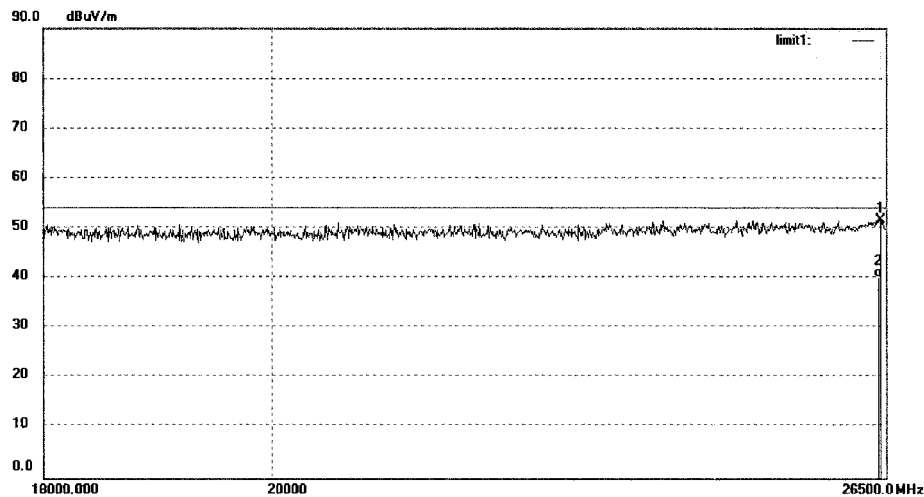
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26438.451	34.67	16.94	51.61	74.00	-22.39	peak			
2	26438.451	23.20	16.94	40.14	54.00	-13.86	AVG			

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Site: 2# Chamber

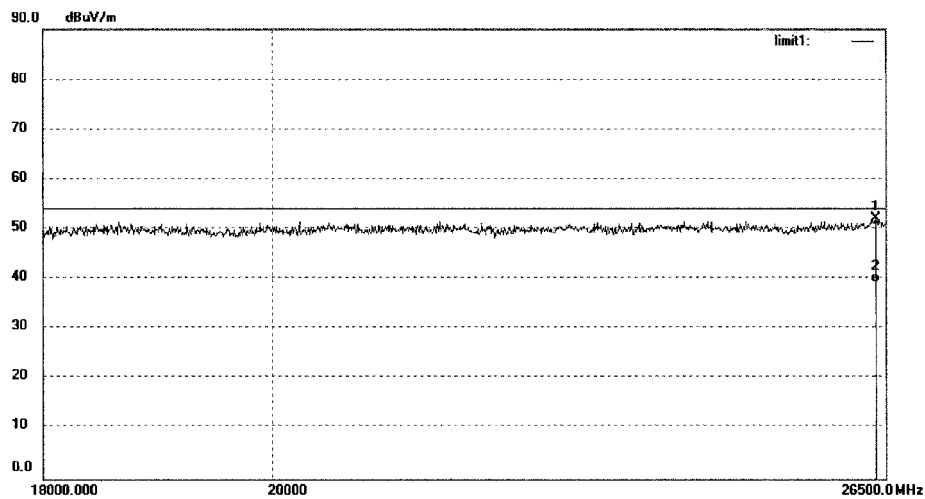
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: YULIAH #624
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Insignia Flex 8" WiFi Android Tablet
Mode: TX 5785MHz
Model: NS-P16AT08
Manufacturer:

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 2015/05/09
Time:
Engineer Signature: PEI
Distance: 3m

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26387.270	35.53	16.50	52.03	74.00	-21.97	peak			
2	26387.270	22.70	16.50	39.20	54.00	-14.80	AVG			


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Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: YULIAH #623

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 5785MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

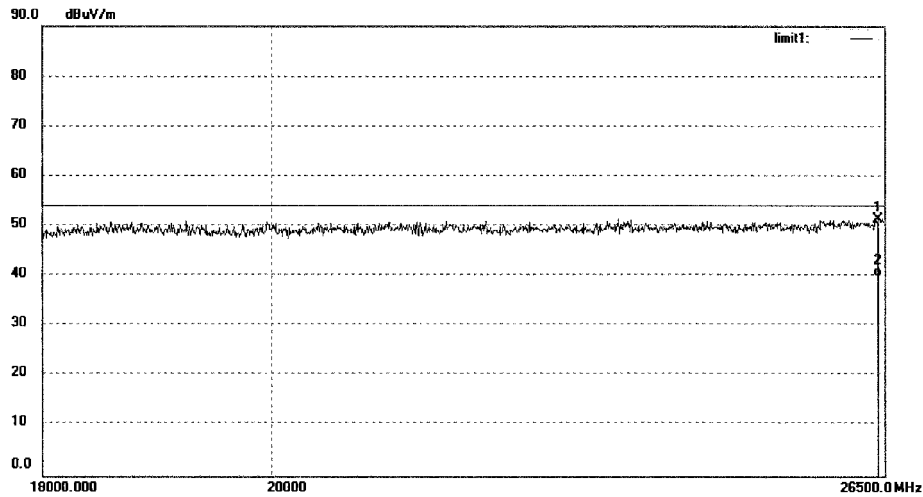
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26428.207	34.56	16.95	51.51	74.00	-22.49	peak			
2	26428.207	22.94	16.95	39.89	54.00	-14.11	AVG			


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Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: YULIAH #625

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 5805MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

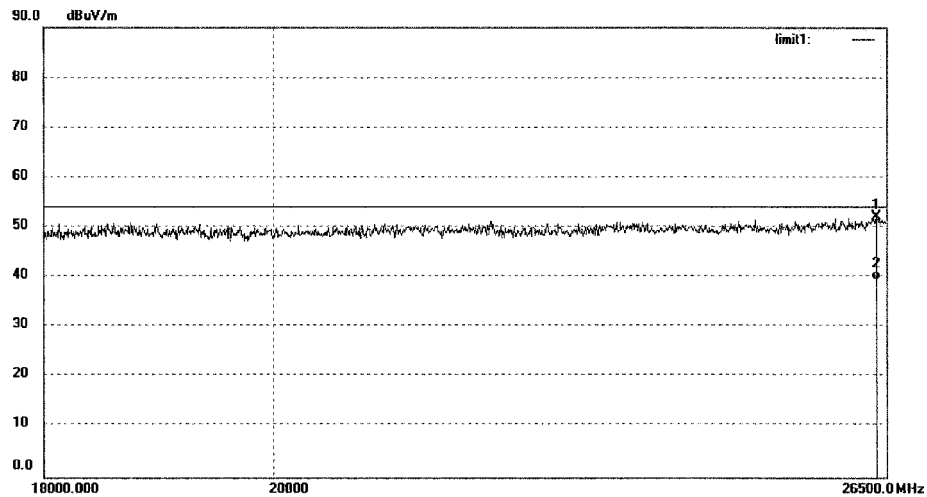
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26387.270	35.49	16.50	51.99	74.00	-22.01	peak			
2	26387.270	22.88	16.50	39.38	54.00	-14.62	AVG			

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Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: YULIAH #626

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 5805MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

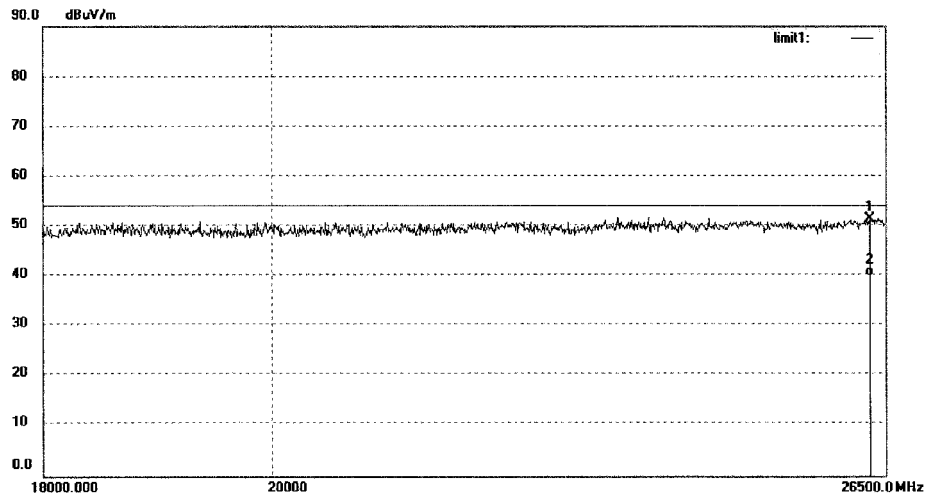
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26315.783	34.31	17.02	51.33	74.00	-22.67	peak			
2	26315.783	22.84	17.02	39.86	54.00	-14.14	AVG			

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Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: YULIAH #628

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 5825MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

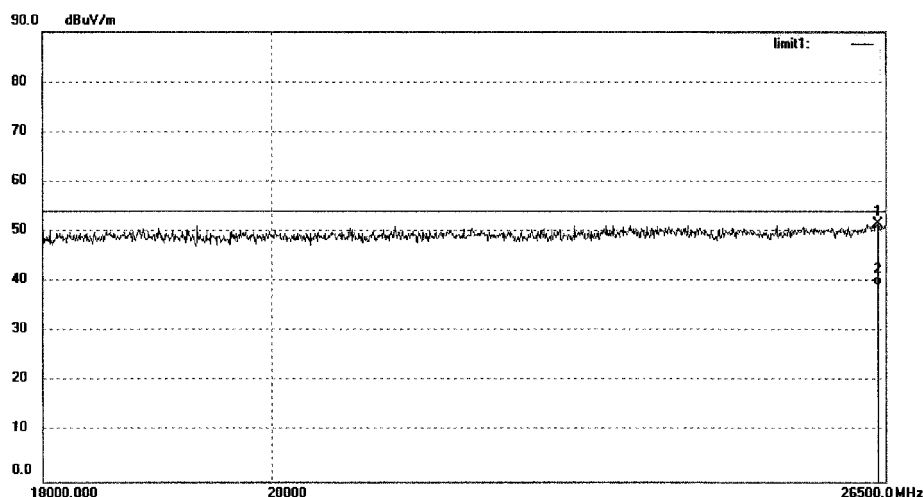
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26417.967	35.20	16.50	51.70	74.00	-22.30	peak			
2	26417.967	22.74	16.50	39.24	54.00	-14.76	AVG			


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Fax:+86-0755-26503396

Job No.: YULIAH #627

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 5825MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

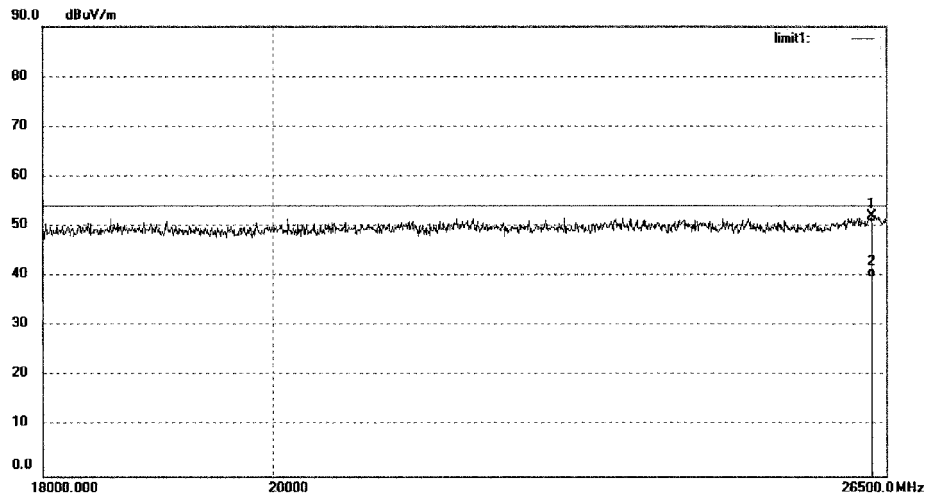
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26325.983	34.98	17.02	52.00	74.00	-22.00	peak			
2	26325.983	22.79	17.02	39.81	54.00	-14.19	AVG			

EMI Sweep(1)

1 / 1

Radiated Emission

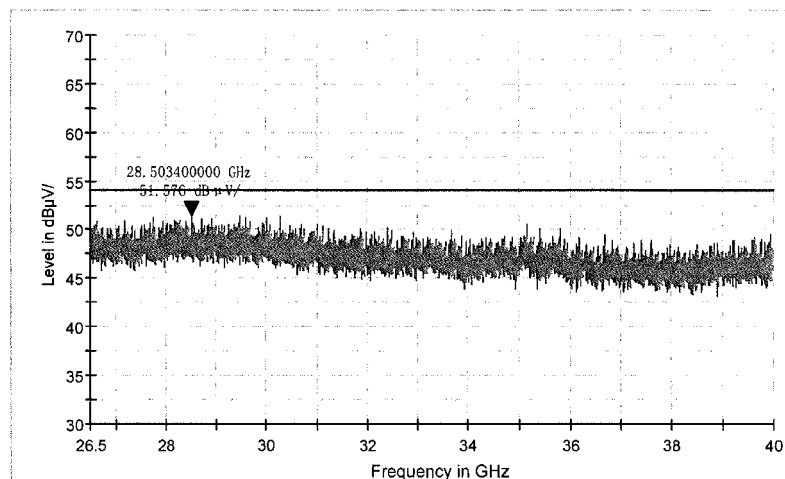
EUT Information

EUT Model Name: Insignia Flex 8" WiFi Android Tablet M/N: NS-P16AT08
Operation mode: TX 5845MHz
Test Voltage:
Comment:

Common Information

Test Site: SMQ EMC Lab.
Environment Conditions:
Antenna Polarization: Horizontal
Operator Name:
Comment:

FCC Electric Field Strength 26.5-40GHz



EMI Sweep(1)

1 / 1

Radiated Emission

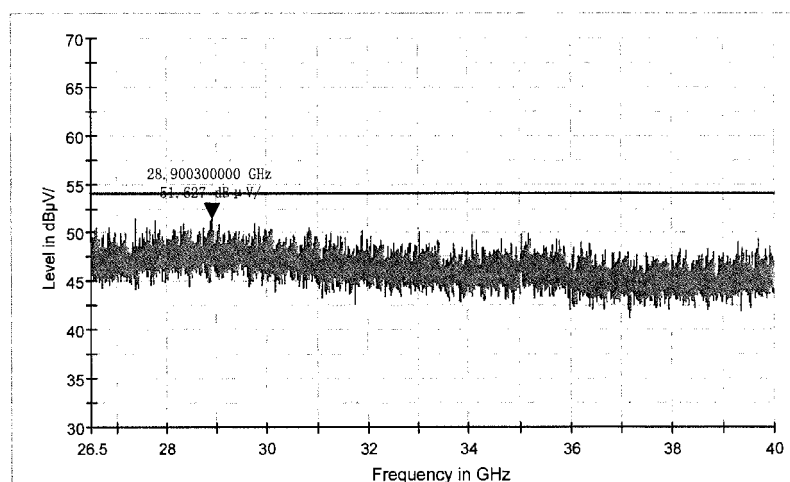
EUT Information

EUT Model Name: Insignia Flex 8" WiFi Android Tablet M/N: NS-P16AT08
Operation mode: TX 5745MHz
Test Voltage:
Comment:

Common Information

Test Site: SMQ EMC Lab.
Environment Conditions:
Antenna Polarization: Vertical
Operator Name:
Comment:

FCC Electric Field Strength 26.5-40GHz



EMI Sweep(1)

1 / 1

Radiated Emission

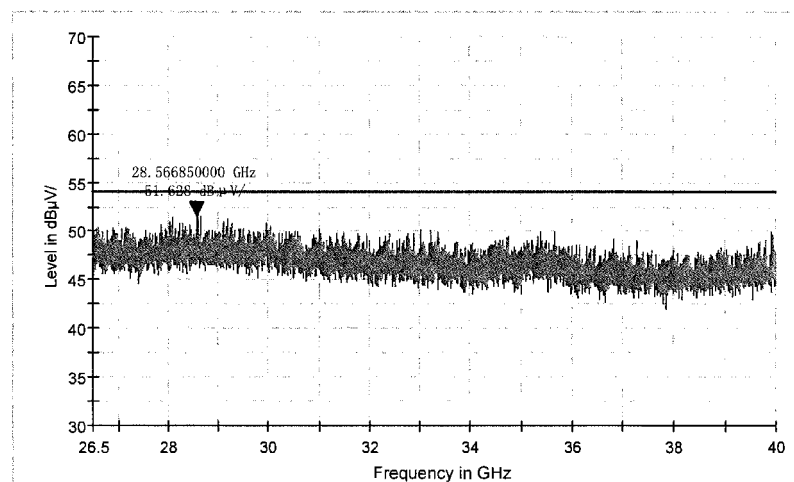
EUT Information

EUT Model Name: Insignia Flex 8" WiFi Android Tablet M/N: NS-P16AT08
Operation mode: TX 5765MHz
Test Voltage:
Comment:

Common Information

Test Site: SMQ EMC Lab.
Environment Conditions:
Antenna Polarization: Horizontal
Operator Name:
Comment:

FCC Electric Field Strength 26.5-40GHz



EMI Sweep(1)

1 / 1

Radiated Emission

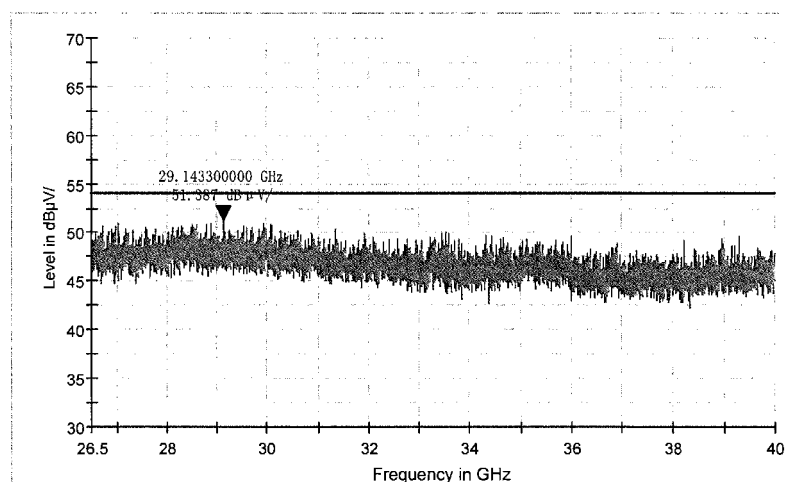
EUT Information

EUT Model Name: Insignia Flex 8" WiFi Android Tablet M/N: NS-P16AT08
Operation mode: TX 5765MHz
Test Voltage:
Comment:

Common Information

Test Site: SMQ EMC Lab.
Environment Conditions:
Antenna Polarization: Vertical
Operator Name:
Comment:

FCC Electric Field Strength 26.5-40GHz



EMI Sweep(1)

1 / 1

Radiated Emission

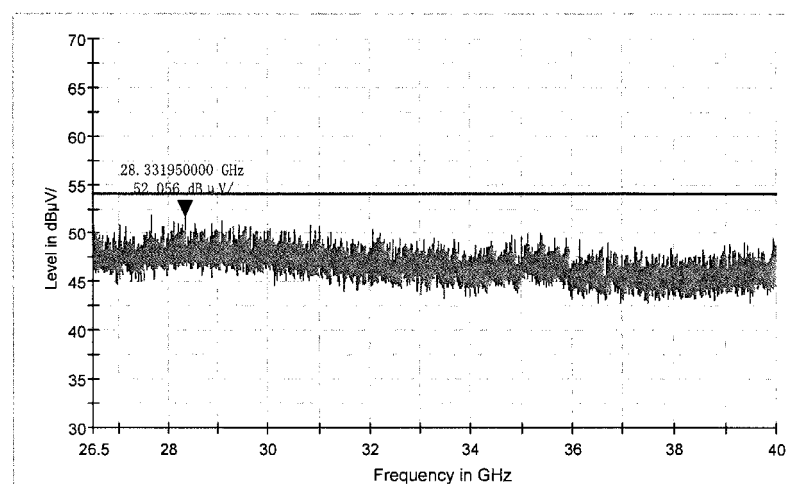
EUT Information

EUT Model Name: Insignia Flex 8" WiFi Android Tablet M/N: NS-P16AT08
Operation mode: TX 5785MHz
Test Voltage:
Comment:

Common Information

Test Site: SMQ EMC Lab.
Environment Conditions:
Antenna Polarization: Horizontal
Operator Name:
Comment:

FCC Electric Field Strength 26.5-40GHz



EMI Sweep(1)

1 / 1

Radiated Emission

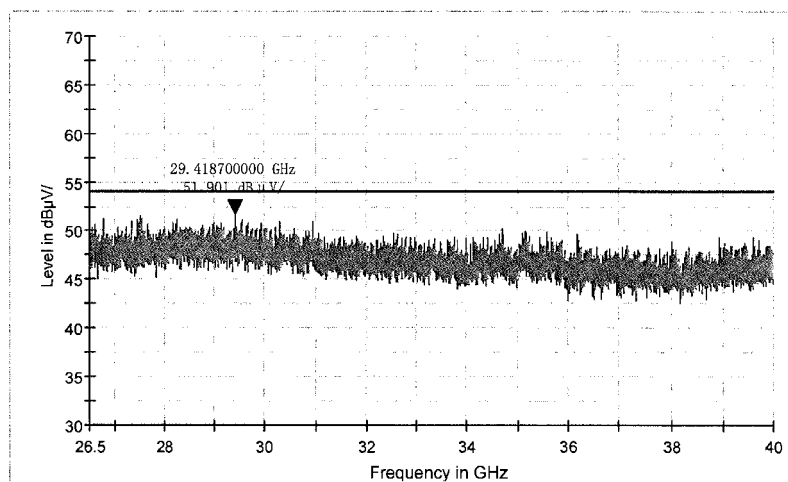
EUT Information

EUT Model Name: Insignia Flex 8" WiFi Android Tablet M/N: NS-P16AT08
Operation mode: TX 5785MHz
Test Voltage:
Comment:

Common Information

Test Site: SMQ EMC Lab.
Environment Conditions:
Antenna Polarization: Vertical
Operator Name:
Comment:

FCC Electric Field Strength 26.5-40GHz



EMI Sweep(1)

1 / 1

Radiated Emission

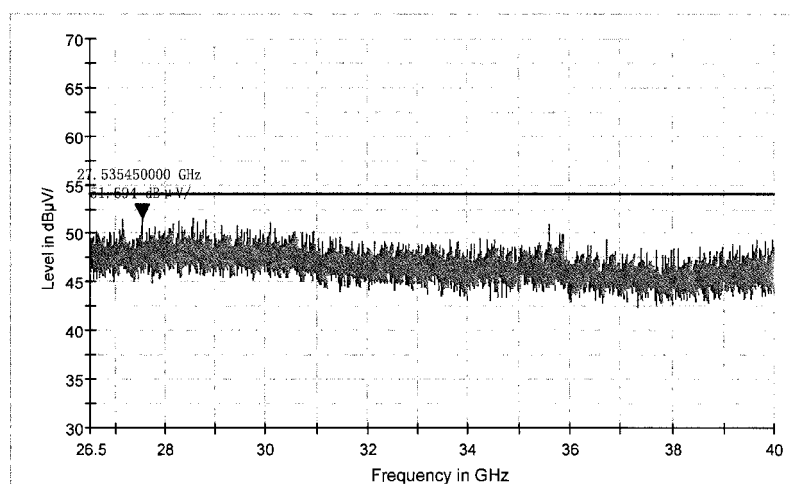
EUT Information

EUT Model Name: Insignia Flex 8" WiFi Android Tablet M/N: NS-P16AT08
Operation mode: TX 5805MHz
Test Voltage:
Comment:

Common Information

Test Site: SMQ EMC Lab.
Environment Conditions:
Antenna Polarization: Horizontal
Operator Name:
Comment:

FCC Electric Field Strength 26.5-40GHz



EMI Sweep(1)

1 / 1

Radiated Emission

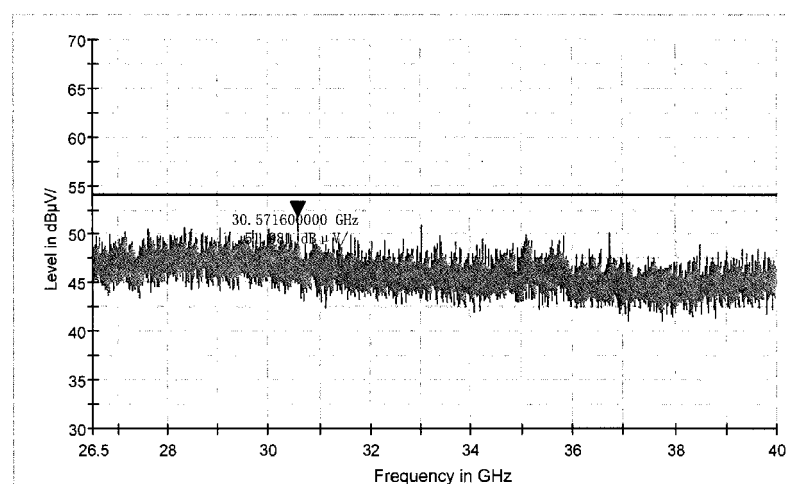
EUT Information

EUT Model Name: Insignia Flex 8" WiFi Android Tablet M/N: NS-P16AT08
Operation mode: TX 5805MHz
Test Voltage:
Comment:

Common Information

Test Site: SMQ EMC Lab.
Environment Conditions:
Antenna Polarization: Vertical
Operator Name:
Comment:

FCC Electric Field Strength 26.5-40GHz



EMI Sweep(1)

1 / 1

Radiated Emission

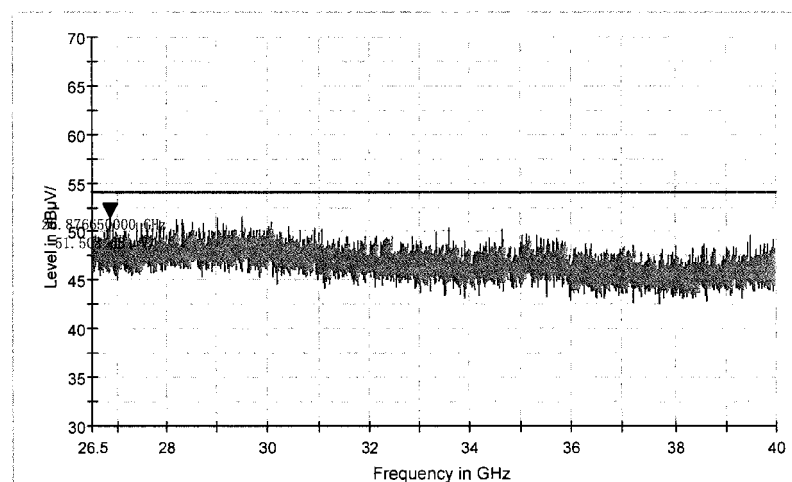
EUT Information

EUT Model Name: Insignia Flex 8" WiFi Android Tablet M/N: NS-P16AT08
 Operation mode: TX 5825MHz
 Test Voltage:
 Comment:

Common Information

Test Site: SMQ EMC Lab.
 Environment Conditions:
 Antenna Polarization: Horizontal
 Operator Name:
 Comment:

FCC Electric Field Strength 26.5-40GHz



EMI Sweep(1)

1 / 1

Radiated Emission

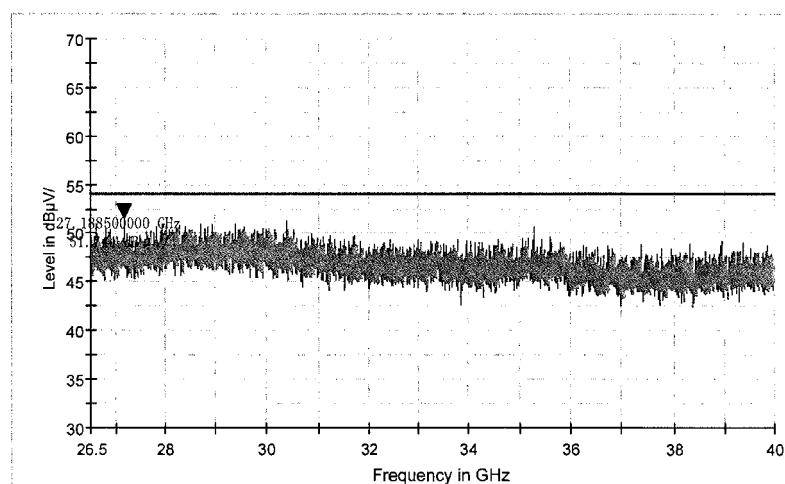
EUT Information

EUT Model Name: Insignia Flex 8" WiFi Android Tablet M/N: NS-P16AT08
Operation mode: TX 5825MHz
Test Voltage:
Comment:

Common Information

Test Site: SMQ EMC Lab.
Environment Conditions:
Antenna Polarization: Vertical
Operator Name:
Comment:

FCC Electric Field Strength 26.5-40GHz



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Test Plot of Band Edge of 802.11a Band 4


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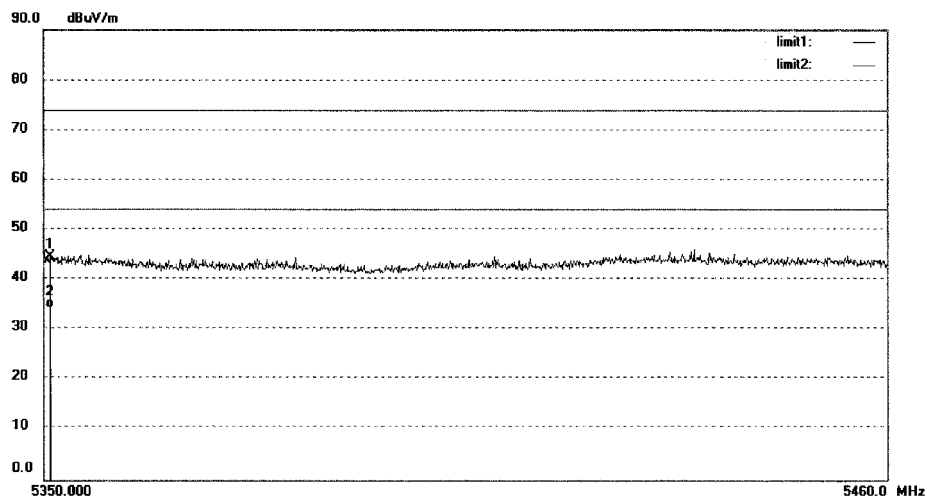
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber

Tel: +86-0755-26503290

Fax: +86-0755-26503396

Job No.: YULIAH #480	Polarization: Horizontal
Standard: FCC (Band Edge)	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2015/05/09
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Insignia Flex 8" WiFi Android Tablet	Engineer Signature: PEI
Mode: TX 5745MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	
Note: 802.11a	



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5350.770	43.87	0.84	44.71	74.00	-29.29	peak			
2	5350.770	33.56	0.84	34.40	54.00	-19.60	AVG			


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Fax:+86-0755-26503396

Job No.: YULIAH #479

Standard: FCC (Band Edge)

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 5745MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

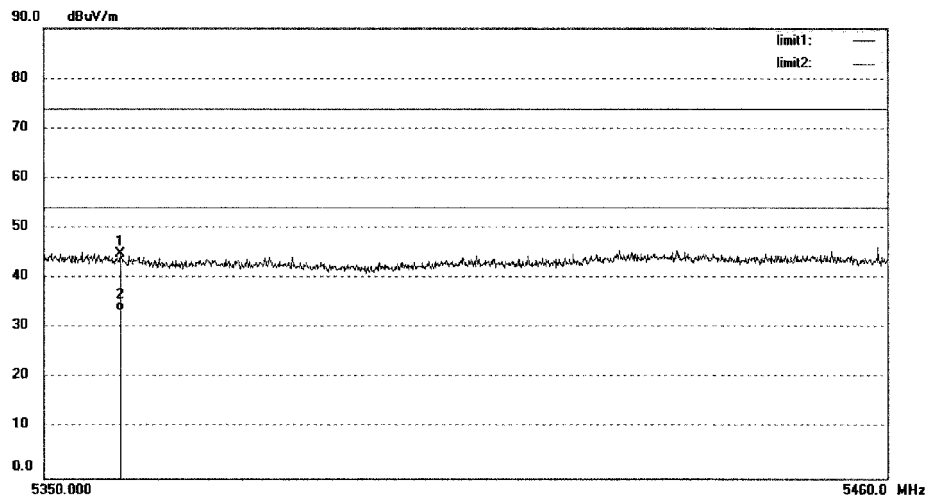
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5359.900	44.07	0.80	44.87	74.00	-29.13	peak			
2	5359.900	32.63	0.80	33.43	54.00	-20.57	AVG			


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Fax:+86-0755-26503396

Job No.: YULIAH #481

Standard: FCC (Band Edge)

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 5825MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

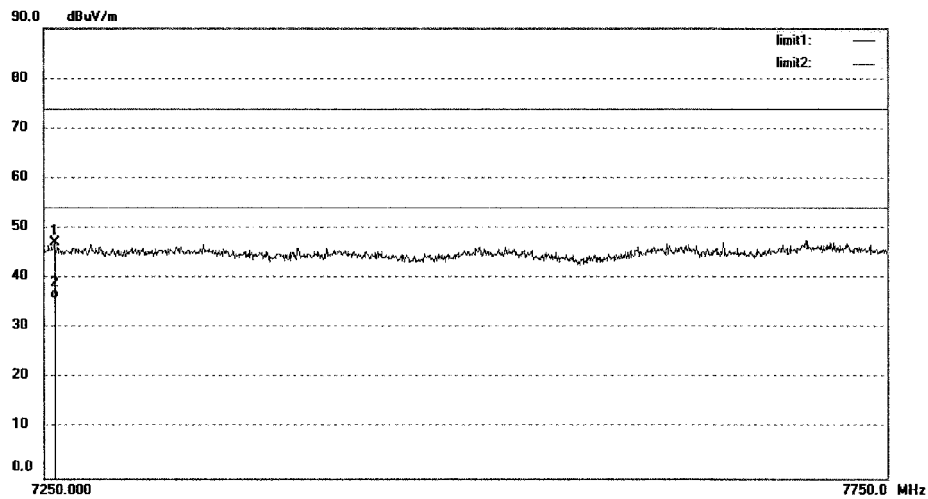
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	7256.000	44.16	3.09	47.25	74.00	-26.75	peak			
2	7256.000	32.89	3.09	35.98	54.00	-18.02	AVG			


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Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: YULIAH #482

Standard: FCC (Band Edge)

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 5825MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

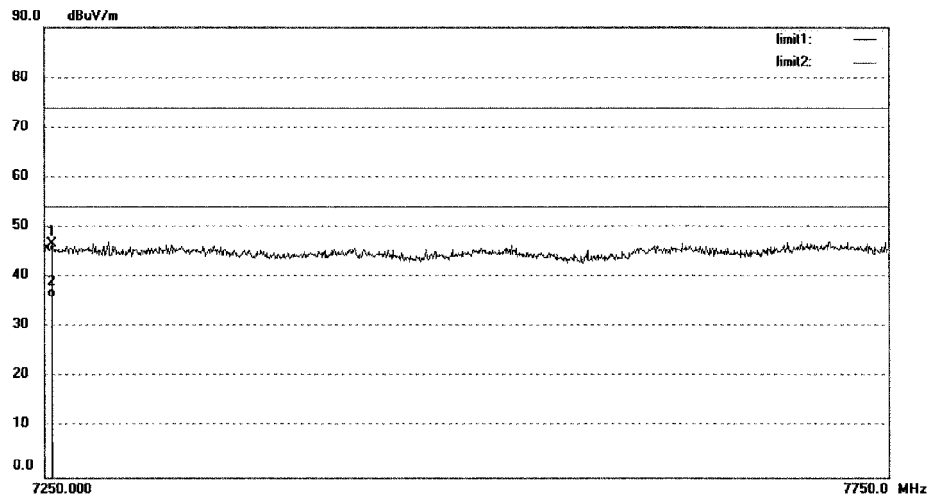
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	7254.000	43.65	3.08	46.73	74.00	-27.27	peak			
2	7254.000	32.76	3.08	35.84	54.00	-18.16	AVG			

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Test Plot of Spurious Emission of above 1GHz for IC of 802.11a Band 1

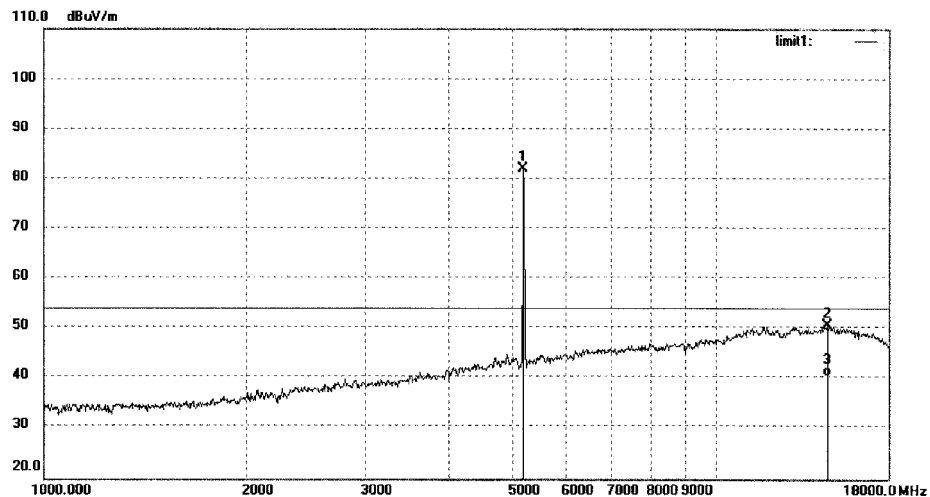

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 Site: 2# Chamber
 Tel:+86-0755-26503290
 Fax:+86-0755-26503396

 Job No.: YULIAH #544
 Standard: FCC Class B 3M Radiated
 Test item: Radiation Test
 Temp.(C)/Hum.(%) 23 C / 48 %
 EUT: Insignia Flex 8" WiFi Android Tablet
 Mode: TX 5180MHz
 Model: NS-P16AT08
 Manufacturer:

 Polarization: Horizontal
 Power Source: AC 120V/60Hz
 Date: 2015/05/09
 Time:
 Engineer Signature: PEI
 Distance: 3m

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5180.000	81.45	0.61	82.06	/	/	peak			
2	14660.479	8.51	42.12	50.63	74.00	-23.37	peak			
3	14660.479	-1.53	42.12	40.59	54.00	-13.41	AVG			


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Site: 2# Chamber

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Fax:+86-0755-26503396

Job No.: YULIAH #543

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 5180MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

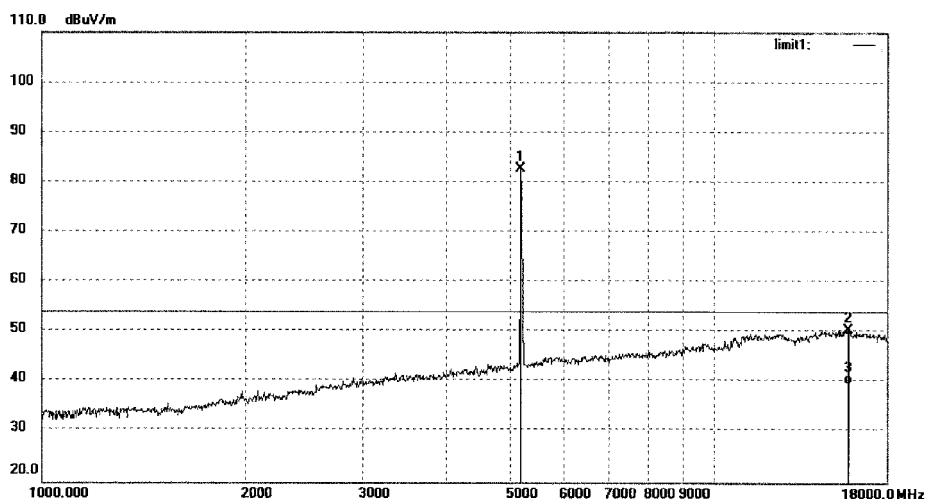
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5180.000	81.97	0.61	82.58	/	/	peak			
2	15804.663	10.39	40.04	50.43	74.00	-23.57	peak			
3	15804.663	-0.25	40.04	39.79	54.00	-14.21	AVG			


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Tel:+86-0755-26503290

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Job No.: YULIAH #545

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 5200MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

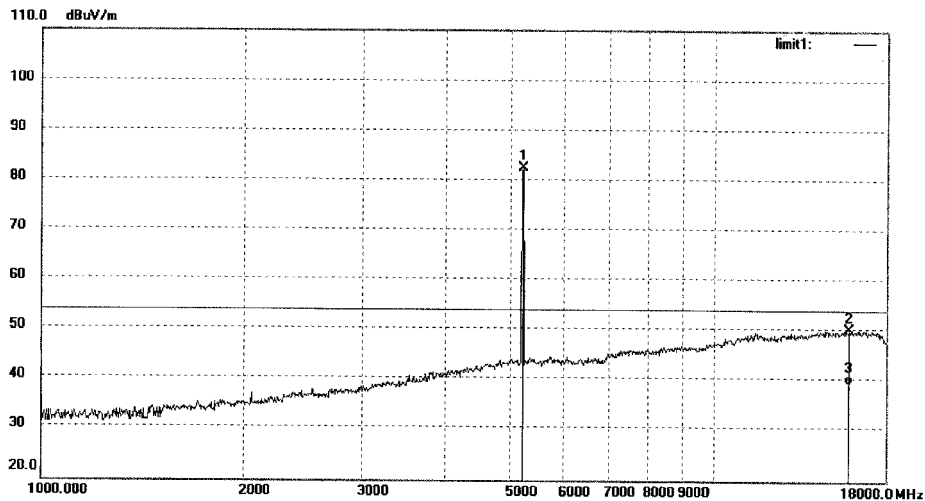
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: 802.11a

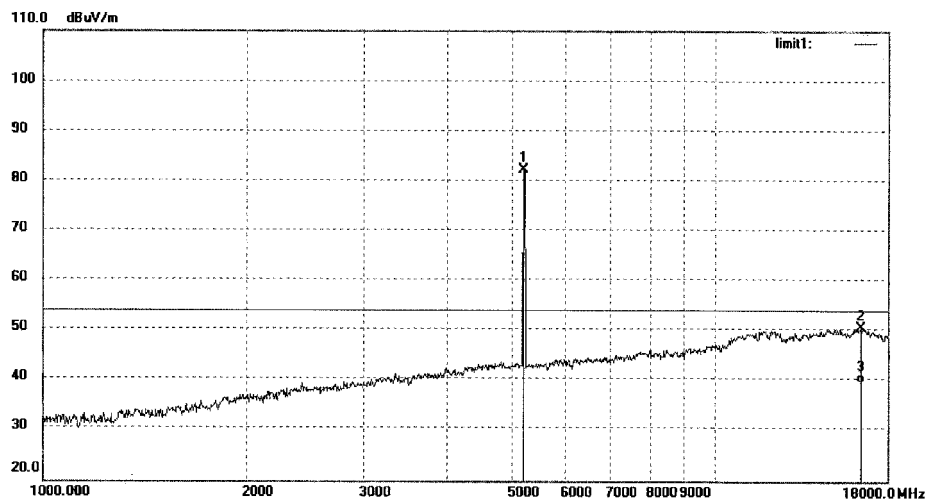


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5200.000	81.69	0.68	82.37	/	/	peak			
2	15896.290	10.14	40.02	50.16	74.00	-23.84	peak			
3	15896.290	-0.47	40.02	39.55	54.00	-14.45	AVG			


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 Fax:+86-0755-26503396

Job No.: YULIAH #546	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2015/05/09
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Insignia Flex 8" WiFi Android Tablet	Engineer Signature: PEI
Mode: TX 5200MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	
Note: 802.11a	



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5200.000	81.46	0.68	82.14	/	/	peak			
2	16457.318	10.50	40.27	50.77	74.00	-23.23	peak			
3	16457.318	-0.65	40.27	39.62	54.00	-14.38	AVG			


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Job No.: YULIAH #548

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 5220MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

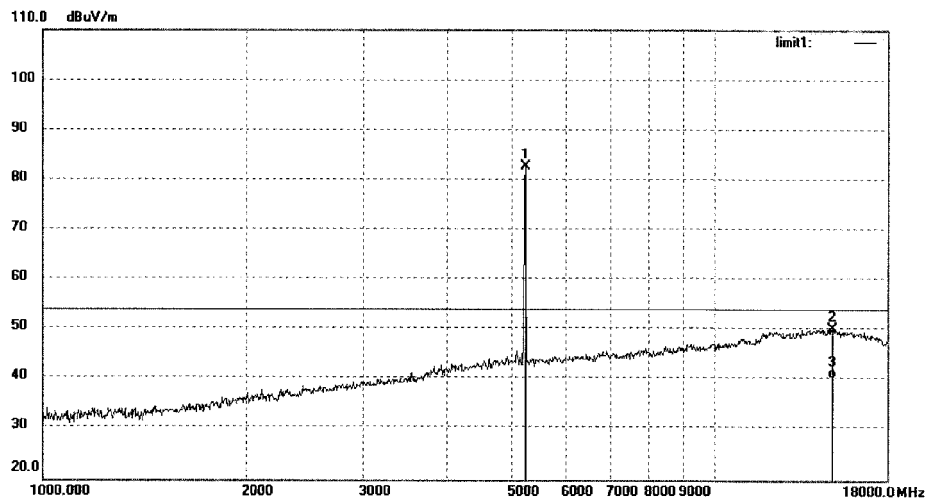
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5220.000	81.88	0.75	82.63	/	/	peak			
2	14916.942	9.02	41.35	50.37	74.00	-23.63	peak			
3	14916.942	-1.06	41.35	40.29	54.00	-13.71	AVG			


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Site: 2# Chamber

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Fax:+86-0755-26503396

Job No.: YULIAH #547

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 5220MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

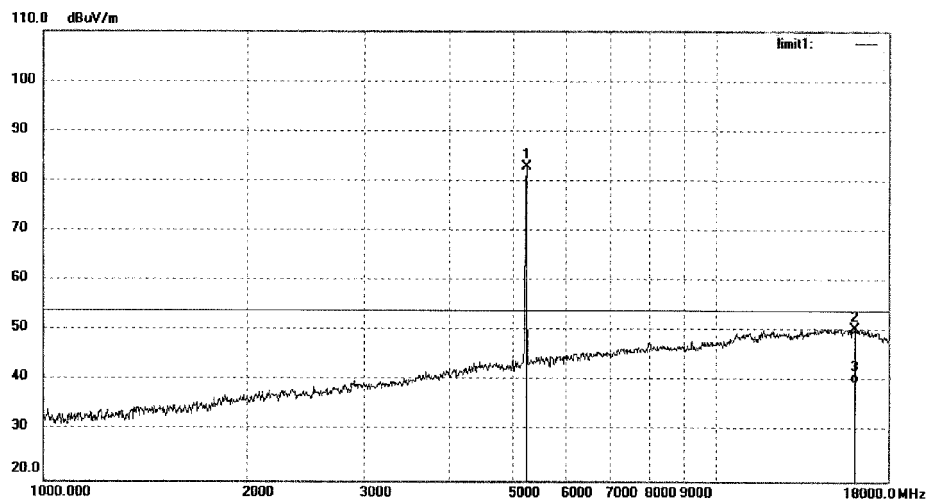
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5220.000	82.23	0.75	82.98	/	/	peak			
2	16034.728	10.48	40.02	50.50	74.00	-23.50	peak			
3	16034.728	-0.35	40.02	39.67	54.00	-14.33	AVG			


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Job No.: YULIAH #549

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 5240MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

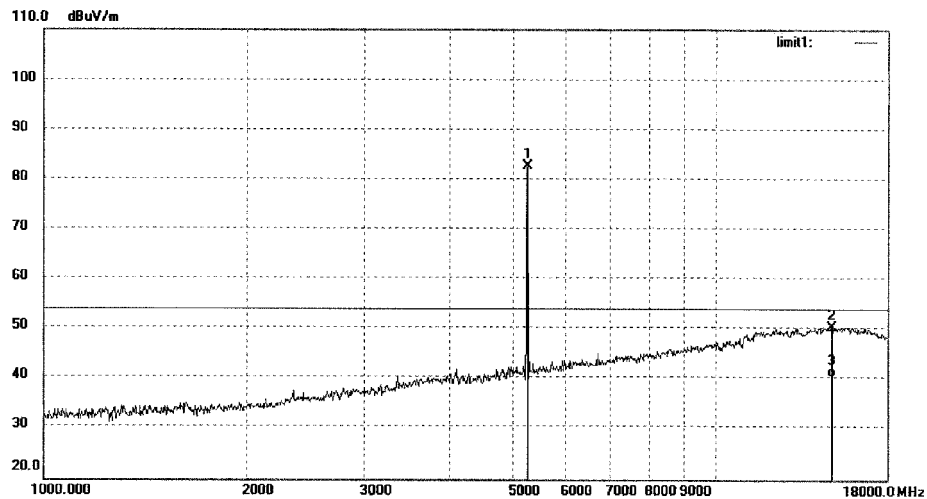
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5240.000	81.89	0.82	82.71	/	/	peak			
2	14873.888	9.12	41.48	50.60	74.00	-23.40	peak			
3	14873.888	-0.86	41.48	40.62	54.00	-13.38	AVG			

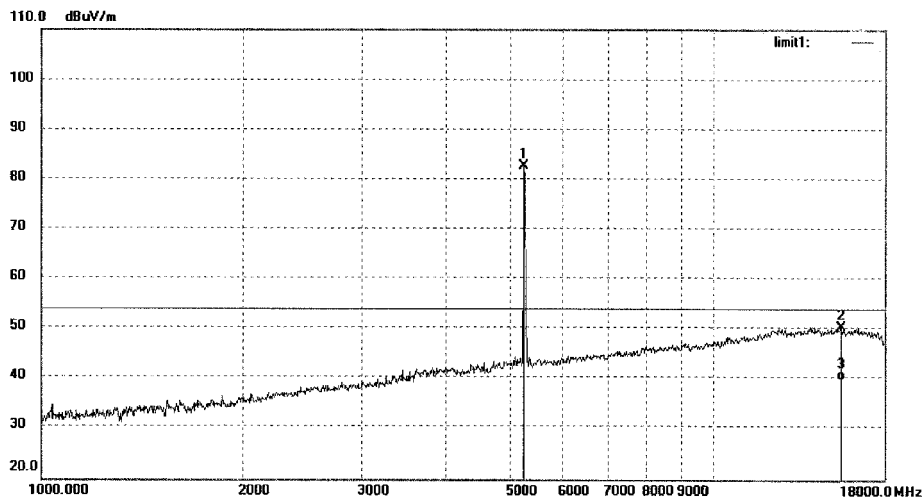

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 Job No.: YULIAH #550
 Standard: FCC Class B 3M Radiated
 Test item: Radiation Test
 Temp.(C)/Hum.(%) 23 C / 48 %
 EUT: Insignia Flex 8" WiFi Android Tablet
 Mode: TX 5240MHz
 Model: NS-P16AT08
 Manufacturer:

 Polarization: Vertical
 Power Source: AC 120V/60Hz
 Date: 2015/05/09
 Time:
 Engineer Signature: PEI
 Distance: 3m

Note: 802.11a

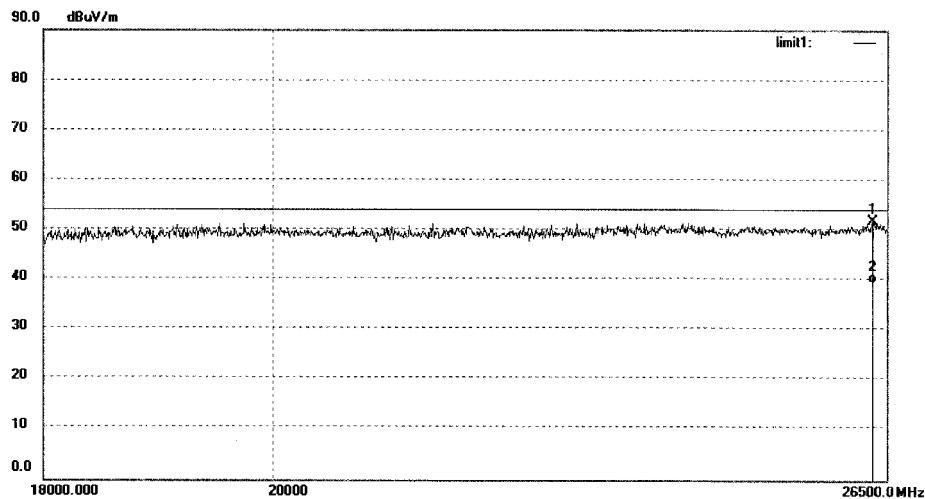


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5240.000	81.82	0.82	82.64	/	/	peak			
2	15488.107	10.26	40.12	50.38	74.00	-23.62	peak			
3	15488.107	-0.13	40.12	39.99	54.00	-14.01	AVG			


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Job No.: YULIAH #665	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2015/05/09
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Insignia Flex 8" WiFi Android Tablet	Engineer Signature: PEI
Mode: TX 5180MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	
Note: 802.11a	



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26325.983	35.27	16.50	51.77	74.00	-22.23	peak			
2	26325.983	23.01	16.50	39.51	54.00	-14.49	AVG			


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Job No.: YULIAH #666

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 5180MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

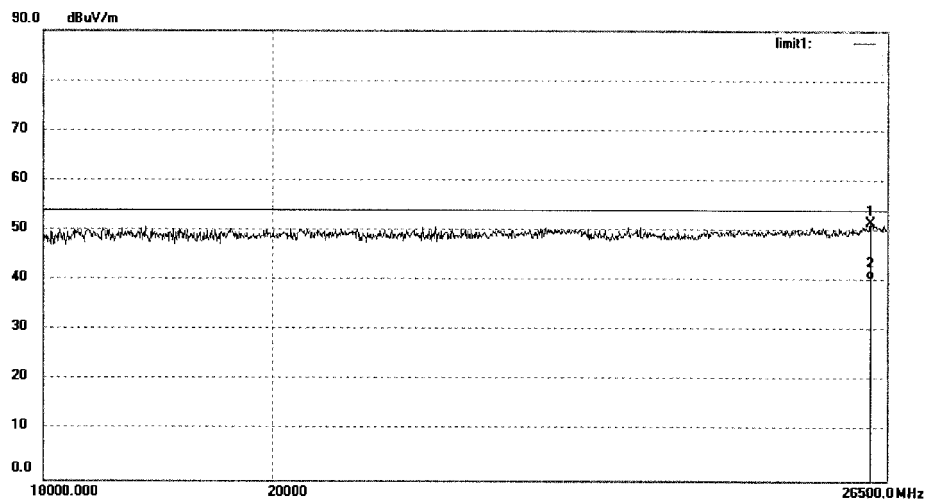
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26305.586	34.60	17.03	51.63	74.00	-22.37	peak			
2	26305.586	23.29	17.03	40.32	54.00	-13.68	AVG			

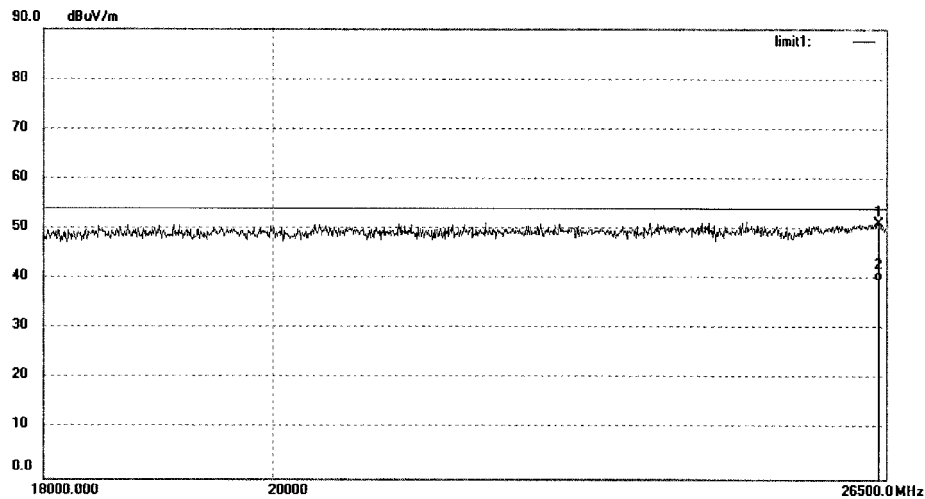
Prüfbericht - Nr.: 17048716 003
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Job No.: YULIAH #668	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2015/05/09
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Insignia Flex 8" WiFi Android Tablet	Engineer Signature: PEI
Mode: TX 5200MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	

Note: 802.11a

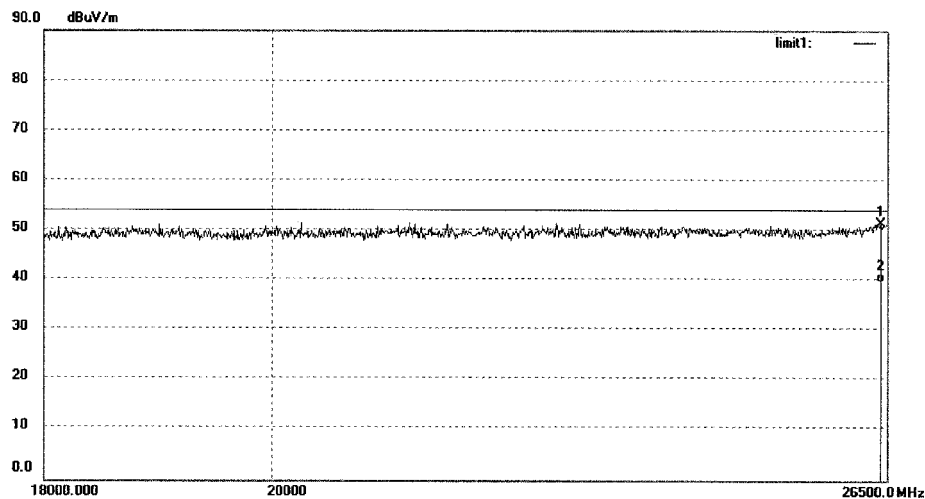


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26407.731	34.76	16.50	51.26	74.00	-22.74	peak			
2	26407.731	23.15	16.50	39.65	54.00	-14.35	AVG			


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 Fax:+86-0755-26503396

Job No.: YULIAH #667	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2015/05/09
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Insignia Flex 8" WiFi Android Tablet	Engineer Signature: PEI
Mode: TX 5200MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	
Note: 802.11a	



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26428.207	34.36	16.95	51.31	74.00	-22.69	peak			
2	26428.207	22.85	16.95	39.80	54.00	-14.20	AVG			


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 Fax:+86-0755-26503396

Job No.: YULIAH #669

Polarization: Horizontal

Standard: FCC Class B 3M Radiated

Power Source: AC 120V/60Hz

Test item: Radiation Test

Date: 2015/05/09

Temp.(C)/Hum.(%) 23 C / 48 %

Time:

EUT: Insignia Flex 8" WiFi Android Tablet

Engineer Signature: PEI

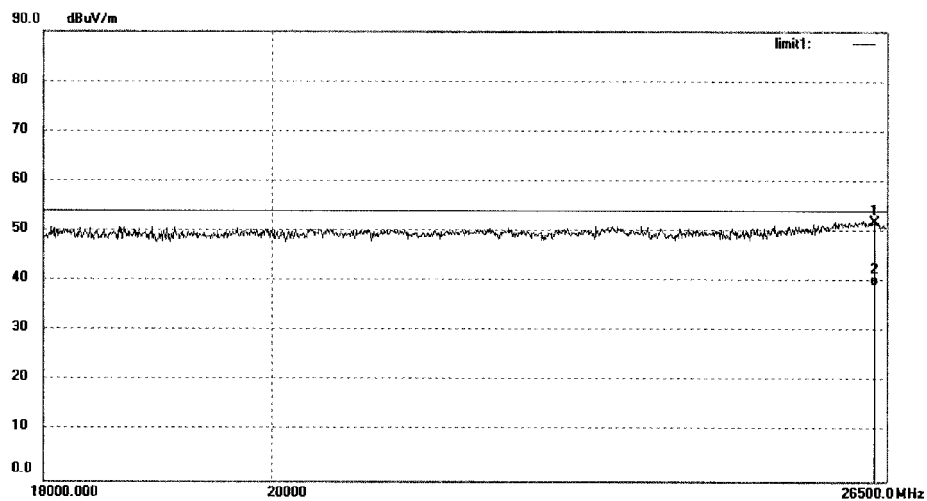
Mode: TX 5220MHz

Distance: 3m

Model: NS-P16AT08

Manufacturer:

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26356.609	35.43	16.50	51.93	74.00	-22.07	peak			
2	26356.609	22.66	16.50	39.16	54.00	-14.84	AVG			

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Job No.: YULIAH #670

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 5220MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

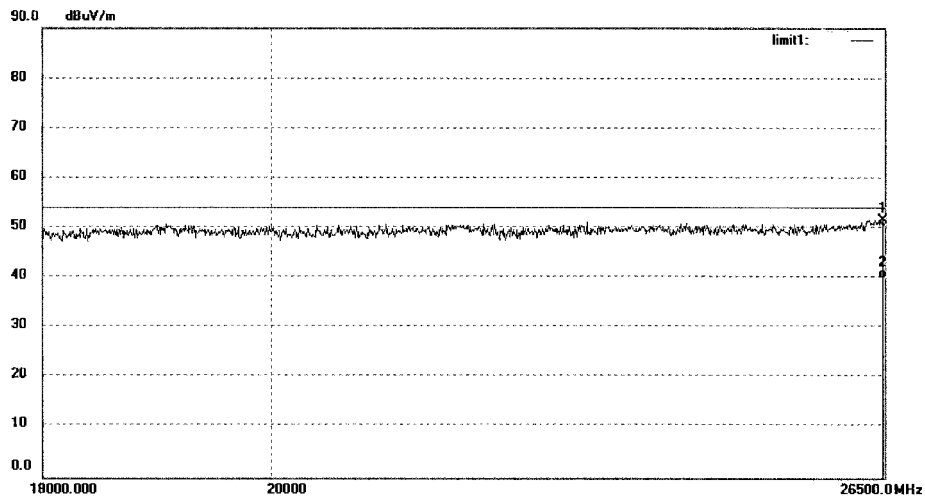
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26479.468	34.77	16.91	51.68	74.00	-22.32	peak			
2	26479.468	23.05	16.91	39.96	54.00	-14.04	AVG			


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Job No.: YULIAH #672

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 5240MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

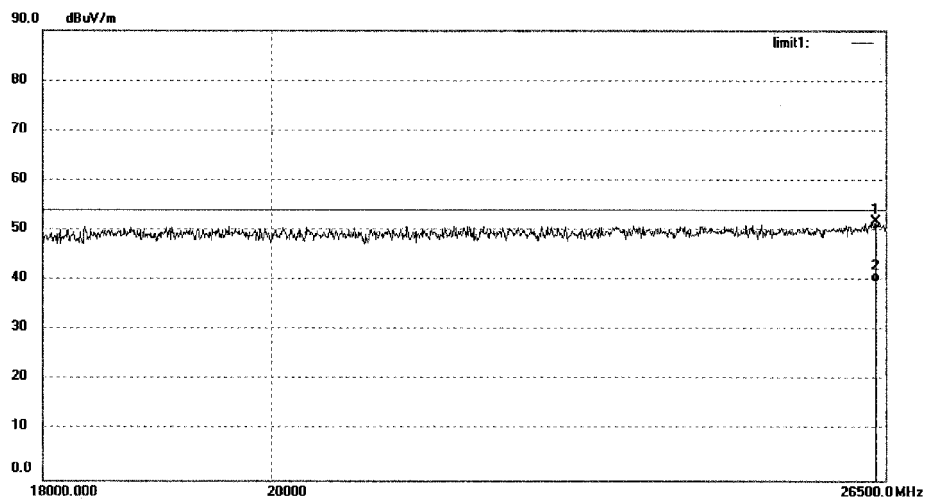
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26387.270	35.35	16.50	51.85	74.00	-22.15	peak			
2	26387.270	23.19	16.50	39.69	54.00	-14.31	AVG			

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Job No.: YULIAH #671

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 5240MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

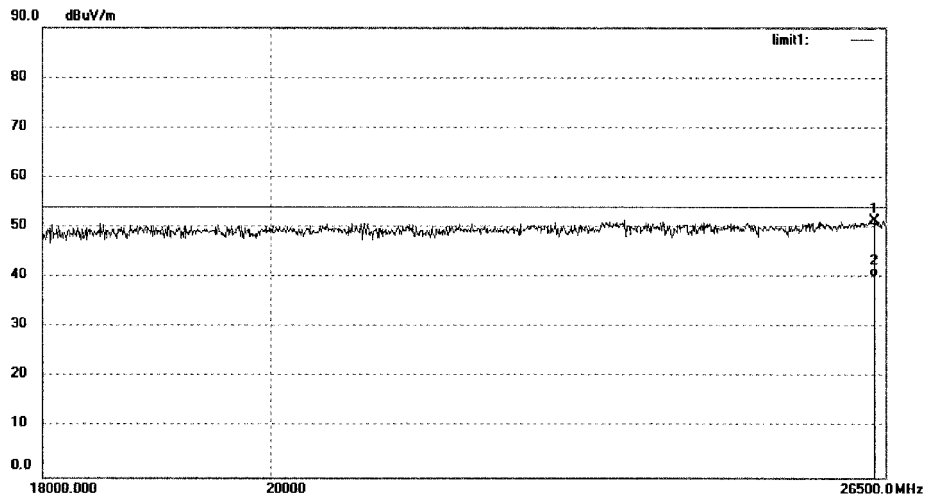
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26377.046	34.52	16.98	51.50	74.00	-22.50	peak			
2	26377.046	23.28	16.98	40.26	54.00	-13.74	AVG			

EMI Sweep(1)

1 / 1

Radiated Emission

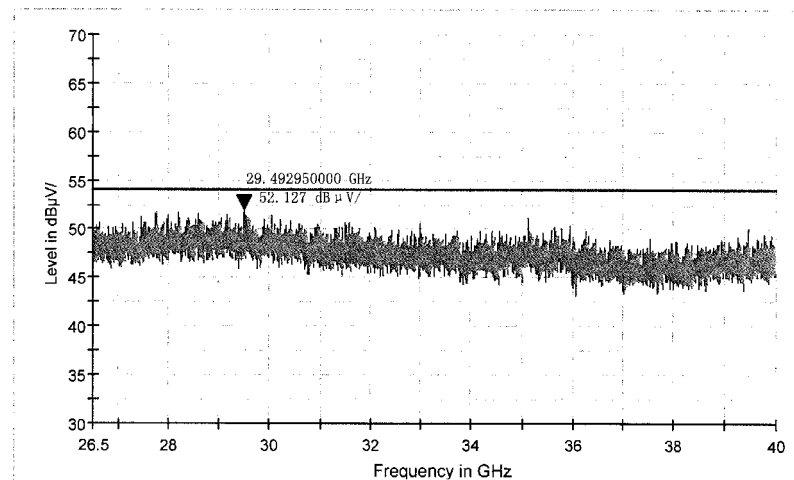
EUT Information

EUT Model Name: Insignia Flex 8" WiFi Android Tablet M/N: NS-P16AT08
Operation mode: TX 5180MHz
Test Voltage:
Comment:

Common Information

Test Site: SMQ EMC Lab.
Environment Conditions:
Antenna Polarization: Horizontal
Operator Name:
Comment:

Copy of FCC Electric Field Strength 26.5-40GHz



EMI Sweep(1)

1 / 1

Radiated Emission

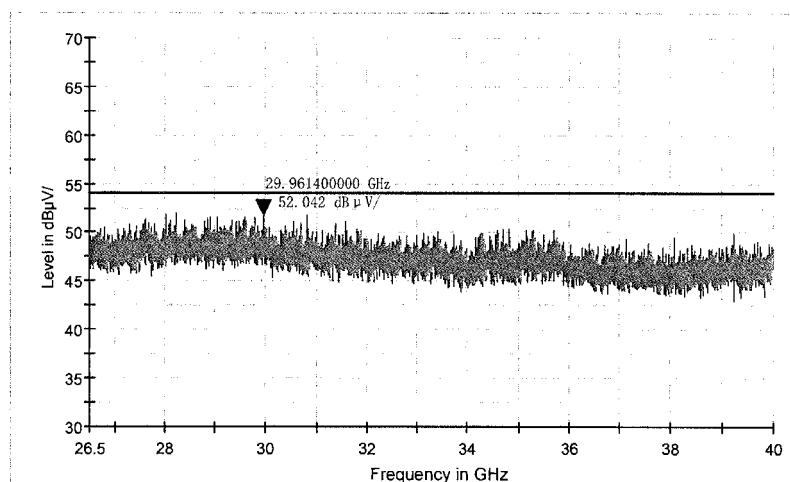
EUT Information

EUT Model Name: Insignia Flex 8" WiFi Android Tablet M/N: NS-P16AT08
Operation mode: TX 5180MHz
Test Voltage:
Comment:

Common Information

Test Site: SMQ EMC Lab.
Environment Conditions:
Antenna Polarization: Vertical
Operator Name:
Comment:

Copy of FCC Electric Field Strength 26.5-40GHz



EMI Sweep(1)

1 / 1

Radiated Emission

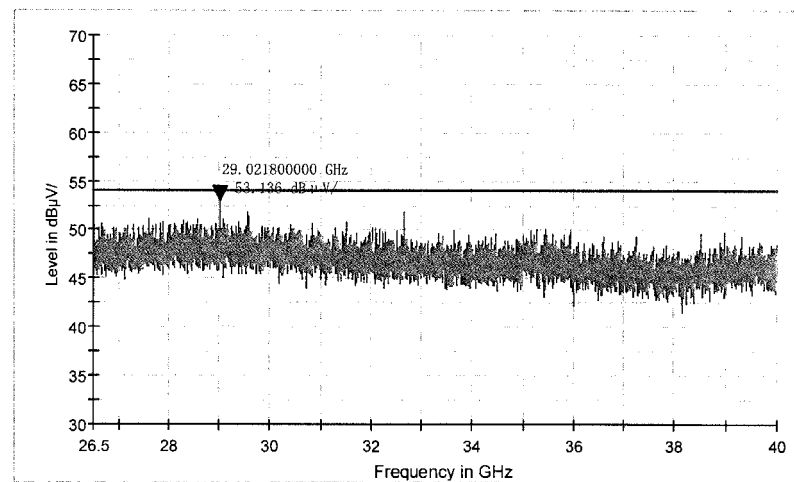
EUT Information

EUT Model Name: Insignia Flex 8" WiFi Android Tablet M/N: NS-P16AT08
Operation mode: TX 5200MHz
Test Voltage:
Comment:

Common Information

Test Site: SMQ EMC Lab.
Environment Conditions:
Antenna Polarization: Horizontal
Operator Name:
Comment:

Copy of FCC Electric Field Strength 26.5-40GHz



EMI Sweep(1)

1 / 1

Radiated Emission

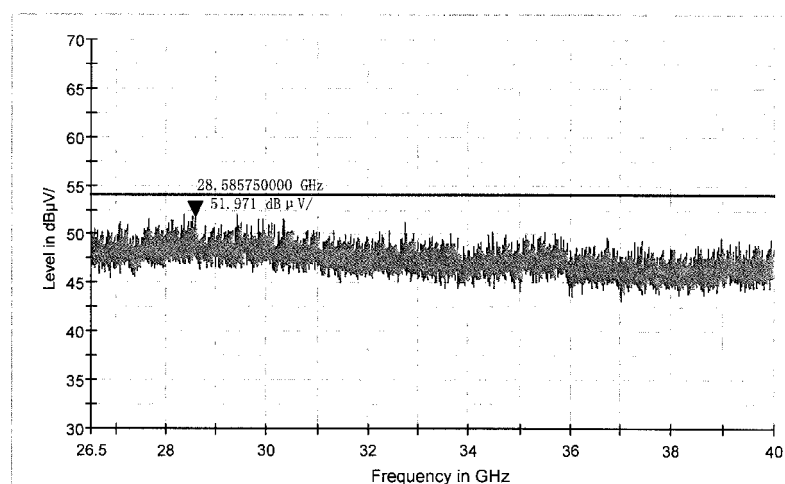
EUT Information

EUT Model Name: Insignia Flex 8" WiFi Android Tablet M/N: NS-P16AT08
 Operation mode: TX 5200MHz
 Test Voltage:
 Comment:

Common Information

Test Site: SMQ EMC Lab.
 Environment Conditions:
 Antenna Polarization: Vertical
 Operator Name:
 Comment:

Copy of FCC Electric Field Strength 26.5-40GHz



EMI Sweep(1)

1 / 1

Radiated Emission

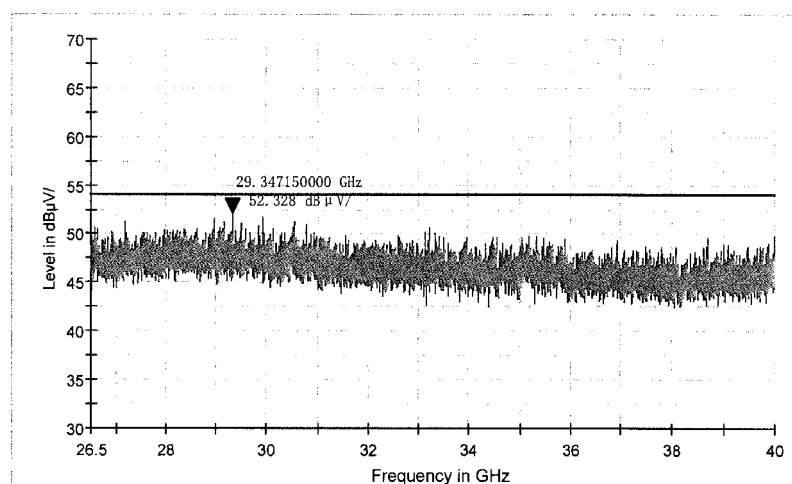
EUT Information

EUT Model Name: Insignia Flex 8" WiFi Android Tablet M/N: NS-P16AT08
Operation mode: TX 5220MHz
Test Voltage:
Comment:

Common Information

Test Site: SMQ EMC Lab.
Environment Conditions:
Antenna Polarization: Horizontal
Operator Name:
Comment:

Copy of FCC Electric Field Strength 26.5-40GHz



EMI Sweep(1)

1 / 1

Radiated Emission

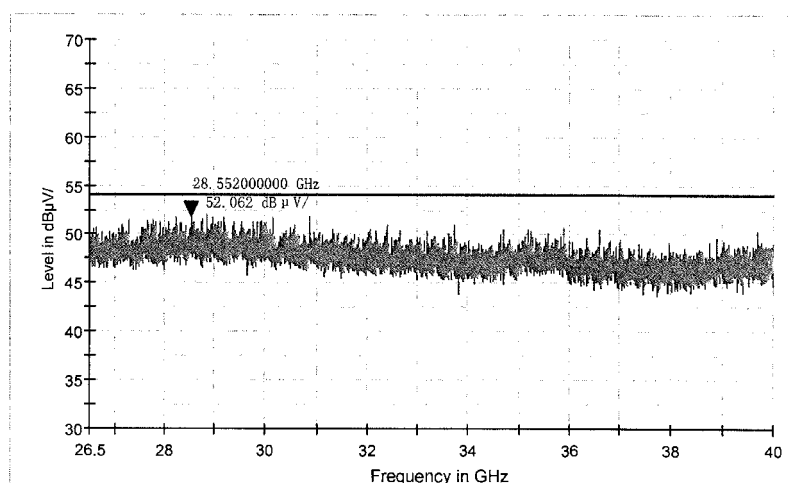
EUT Information

EUT Model Name: Insignia Flex 8" WiFi Android Tablet M/N: NS-P16AT08
 Operation mode: TX 5220MHz
 Test Voltage:
 Comment:

Common Information

Test Site: SMQ EMC Lab.
 Environment Conditions:
 Antenna Polarization: Vertical
 Operator Name:
 Comment:

Copy of FCC Electric Field Strength 26.5-40GHz



EMI Sweep(1)

1 / 1

Radiated Emission

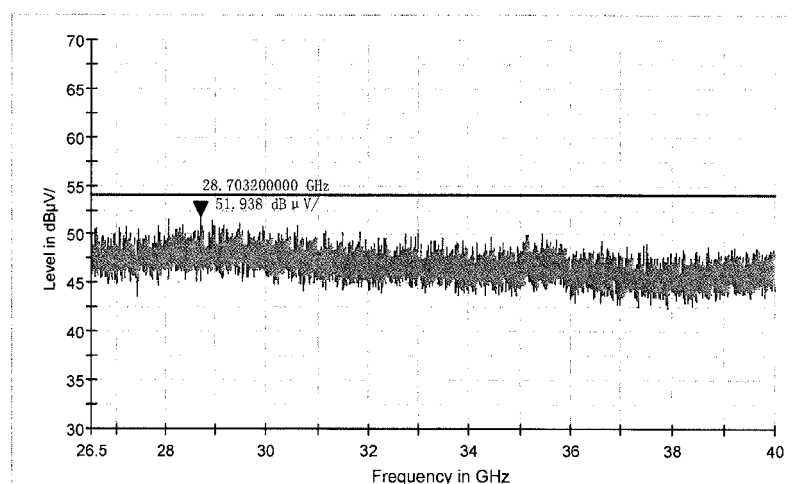
EUT Information

EUT Model Name: Insignia Flex 8" WiFi Android Tablet M/N: NS-P16AT08
 Operation mode: TX 5240MHz
 Test Voltage:
 Comment:

Common Information

Test Site: SMQ EMC Lab.
 Environment Conditions:
 Antenna Polarization: Horizontal
 Operator Name:
 Comment:

Copy of FCC Electric Field Strength 26.5-40GHz



EMI Sweep(1)

1 / 1

Radiated Emission

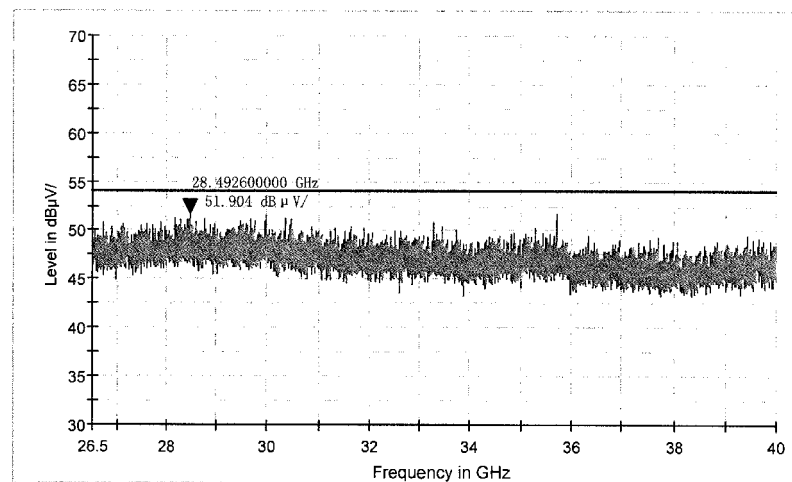
EUT Information

EUT Model Name: Insignia Flex 8" WiFi Android Tablet M/N: NS-P16AT08
Operation mode: TX 5240MHz
Test Voltage:
Comment:

Common Information

Test Site: SMQ EMC Lab.
Environment Conditions:
Antenna Polarization: Vertical
Operator Name:
Comment:

Copy of FCC Electric Field Strength 26.5-40GHz



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Test Plot of Band Edge for IC of 802.11a Band 1


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Job No.: YULIAH #561

Standard: FCC (Band Edge)

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 5180MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

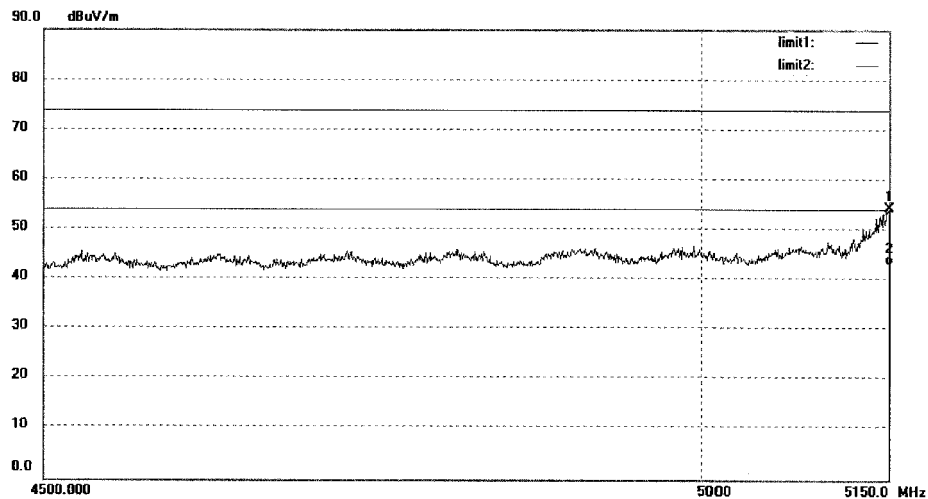
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: 802.11a



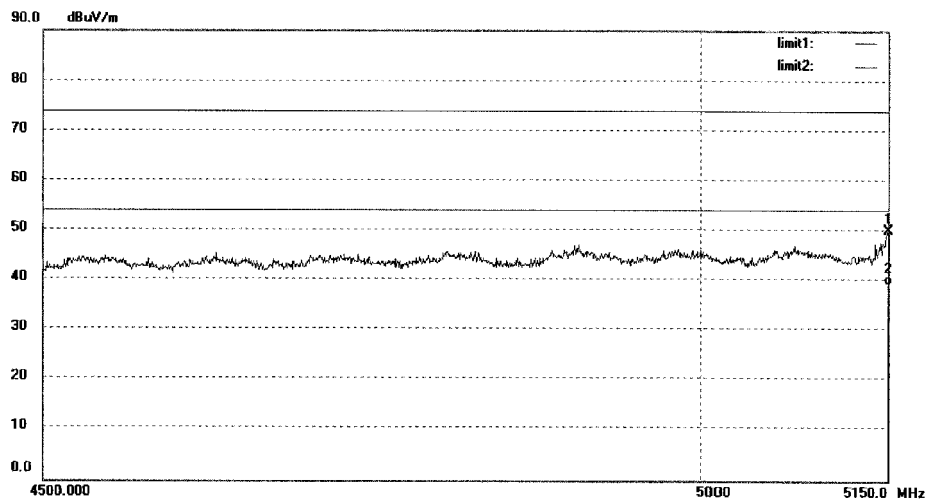
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5150.000	53.79	0.51	54.30	74.00	-19.70	peak			
2	5150.000	42.59	0.51	43.10	54.00	-10.90	AVG			

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Job No.: YULIAH #562	Polarization: Vertical
Standard: FCC (Band Edge)	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2015/05/09
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Insignia Flex 8" WiFi Android Tablet	Engineer Signature: PEI
Mode: TX 5180MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	
Note: 802.11a	



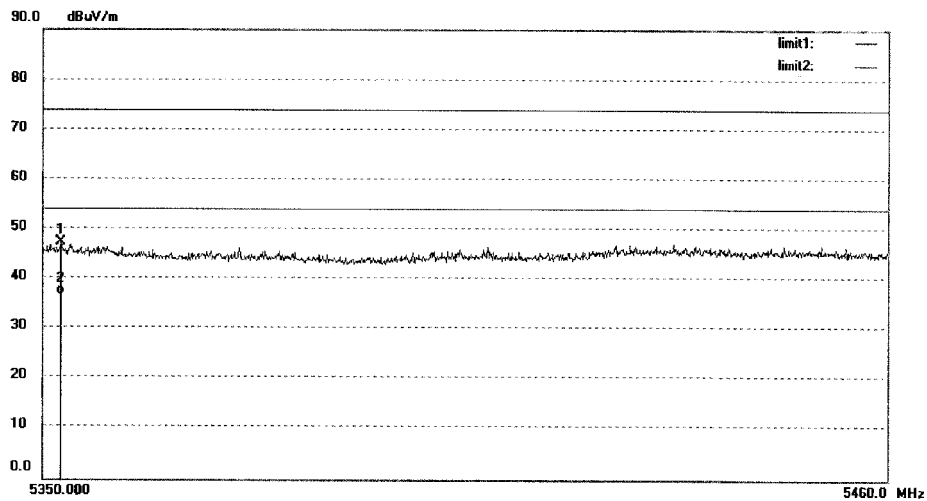
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5150.000	49.61	0.51	50.12	74.00	-23.88	peak			
2	5150.000	38.86	0.51	39.37	54.00	-14.63	AVG			

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Job No.: YULIAH #564	Polarization: Horizontal
Standard: FCC (Band Edge)	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2015/05/09
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Insignia Flex 8" WiFi Android Tablet	Engineer Signature: PEI
Mode: TX 5240MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	
Note: 802.11a	



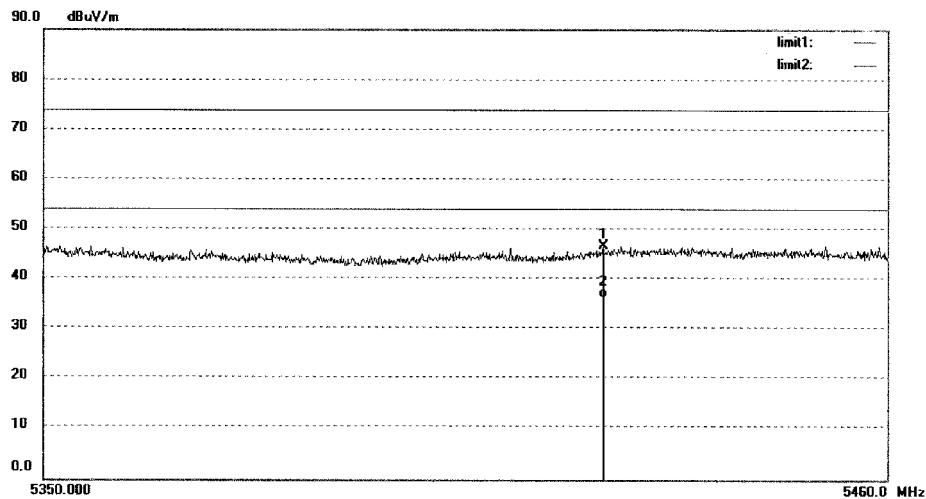
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5352.310	46.64	0.83	47.47	74.00	-26.53	peak			
2	5352.310	35.86	0.83	36.69	54.00	-17.31	AVG			

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Job No.: YULIAH #563	Polarization: Vertical
Standard: FCC (Band Edge)	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2015/05/09
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Insignia Flex 8" WiFi Android Tablet	Engineer Signature: PEI
Mode: TX 5240MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	
Note: 802.11a	



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5422.820	46.01	0.78	46.79	74.00	-27.21	peak			
2	5422.820	35.57	0.78	36.35	54.00	-17.65	AVG			

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Test Plot of Spurious Emission of above 1GHz for IC of 802.11a Band 4


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Tel:+86-0755-26503290

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Job No.: YULIAH #552

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 5745MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

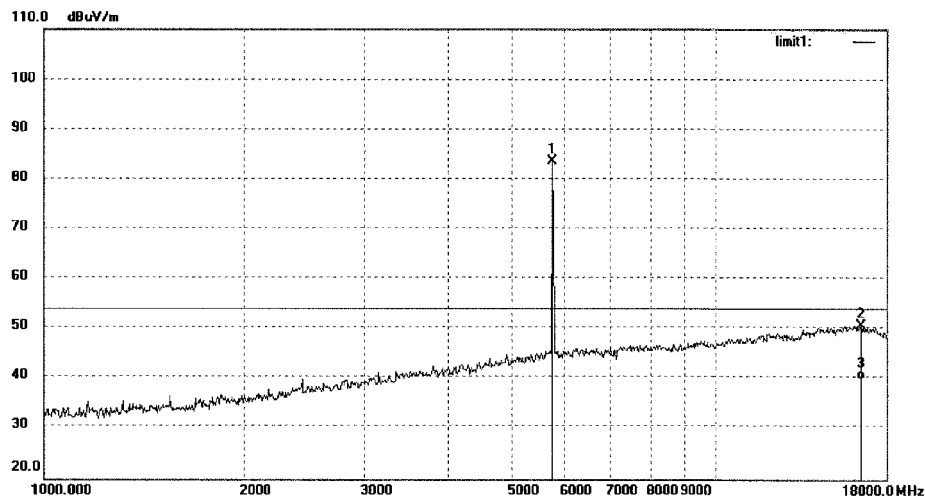
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5745.000	82.04	1.50	83.54	/	/	peak			
2	16504.954	10.37	40.31	50.68	74.00	-23.32	peak			
3	16504.954	-0.36	40.31	39.95	54.00	-14.05	AVG			


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Job No.: YULIAH #551

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 5745MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

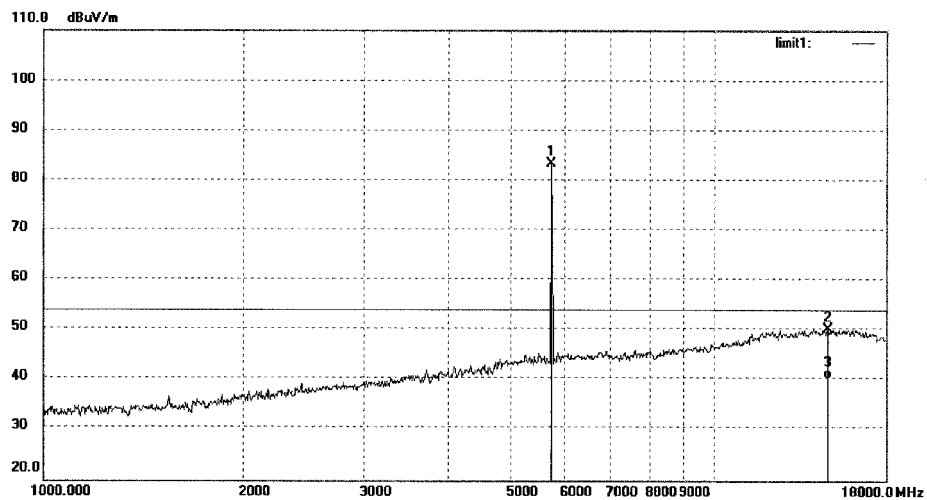
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5745.000	81.82	1.50	83.32	/	/	peak			
2	14745.473	8.37	41.86	50.23	74.00	-23.77	peak			
3	14745.473	-1.40	41.86	40.46	54.00	-13.54	AVG			


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Job No.: YULIAH #553

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 5765MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

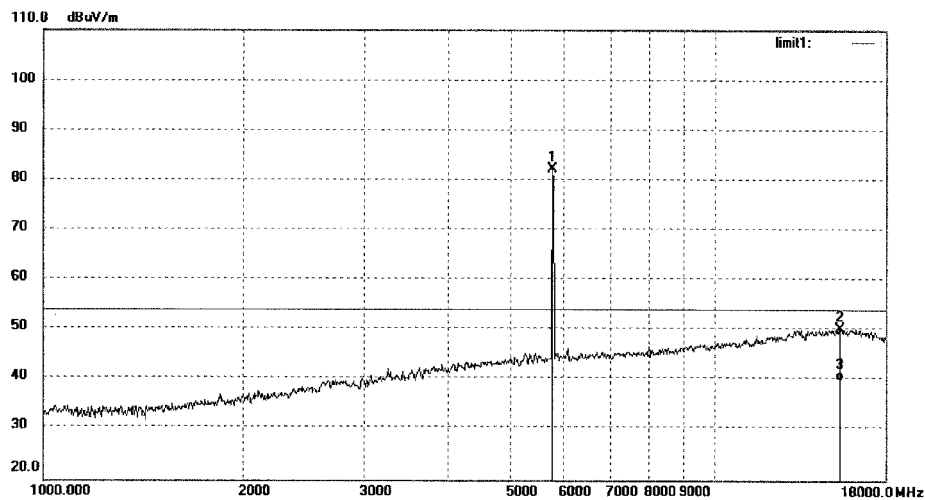
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5765.000	80.57	1.68	82.25	/	/	peak			
2	15398.832	9.92	40.30	50.22	74.00	-23.78	peak			
3	15398.832	-0.44	40.30	39.86	54.00	-14.14	AVG			


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Job No.: YULIAH #554

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 5765MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

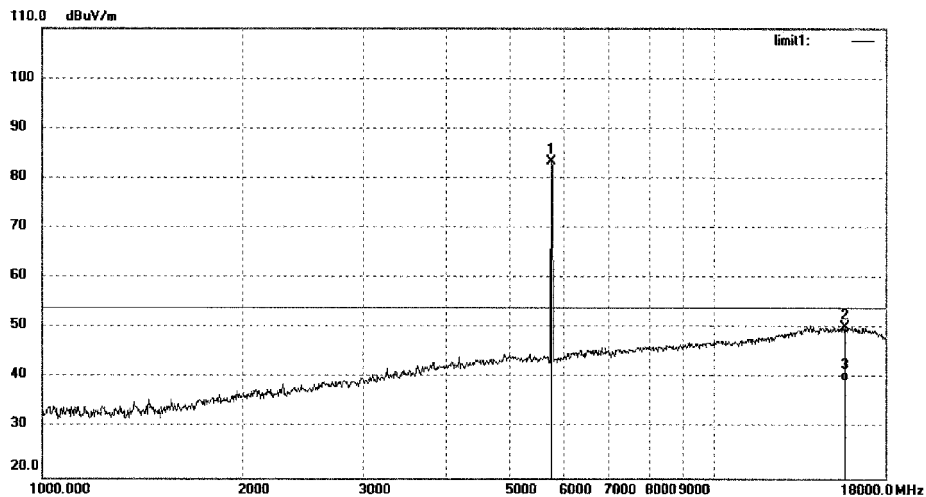
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5765.000	81.76	1.68	83.44	/	/	peak			
2	15668.211	10.11	40.07	50.18	74.00	-23.82	peak			
3	15668.211	-0.50	40.07	39.57	54.00	-14.43	AVG			


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Job No.: YULIAH #556

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 5785MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

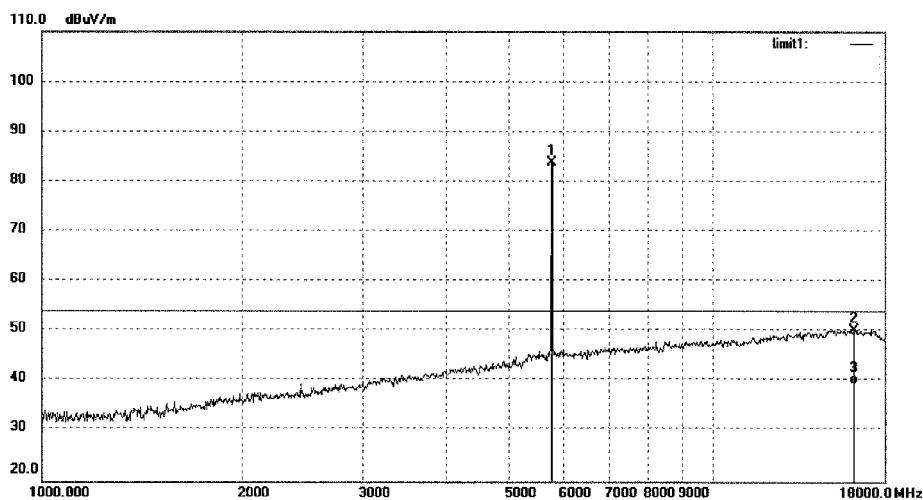
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5785.000	81.91	1.86	83.77	/	/	peak			
2	16221.189	10.11	40.13	50.24	74.00	-23.76	peak			
3	16221.189	-0.57	40.13	39.56	54.00	-14.44	AVG			


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Job No.: YULIAH #555

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 5785MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

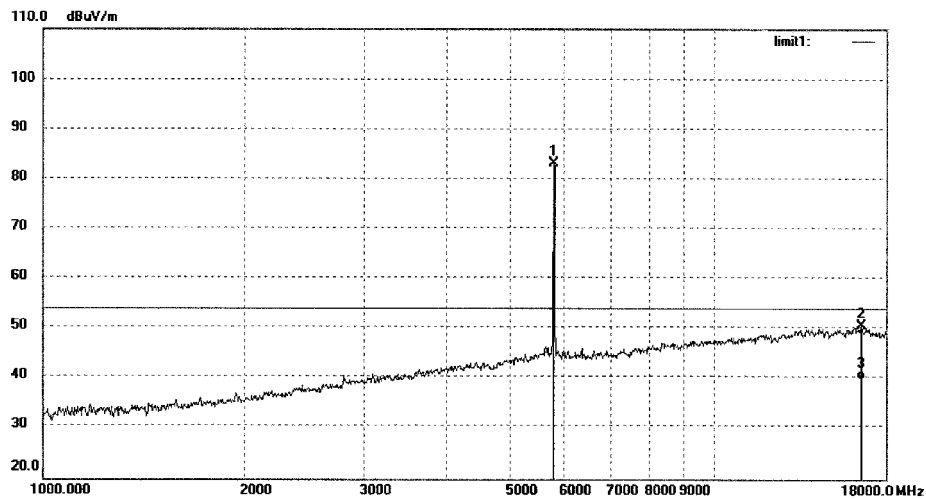
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5785.000	81.16	1.86	83.02	/	/	peak			
2	16552.729	10.19	40.45	50.64	74.00	-23.36	peak			
3	16552.729	-0.63	40.45	39.82	54.00	-14.18	AVG			


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Job No.: YULIAH #557

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 5805MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

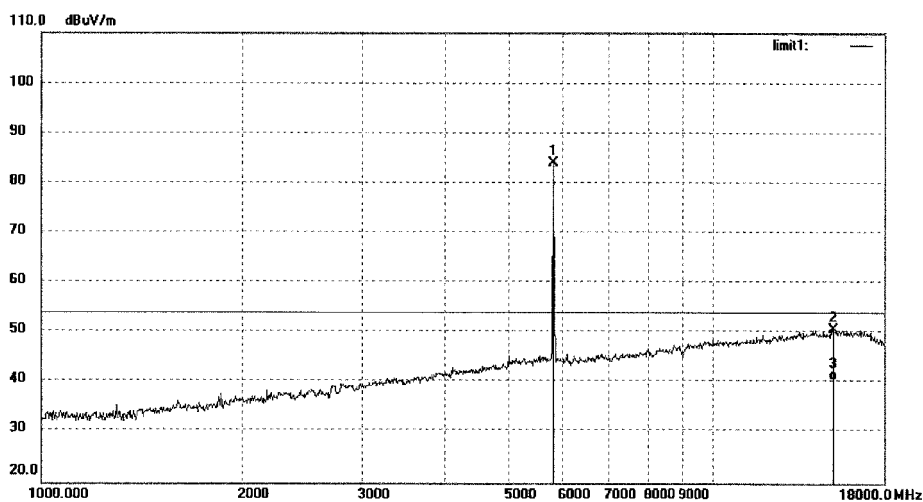
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5805.000	82.08	1.98	84.06	/	/	peak			
2	15134.085	9.84	40.83	50.67	74.00	-23.33	peak			
3	15134.085	-0.29	40.83	40.54	54.00	-13.46	AVG			


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Job No.: YULIAH #558

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 5805MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

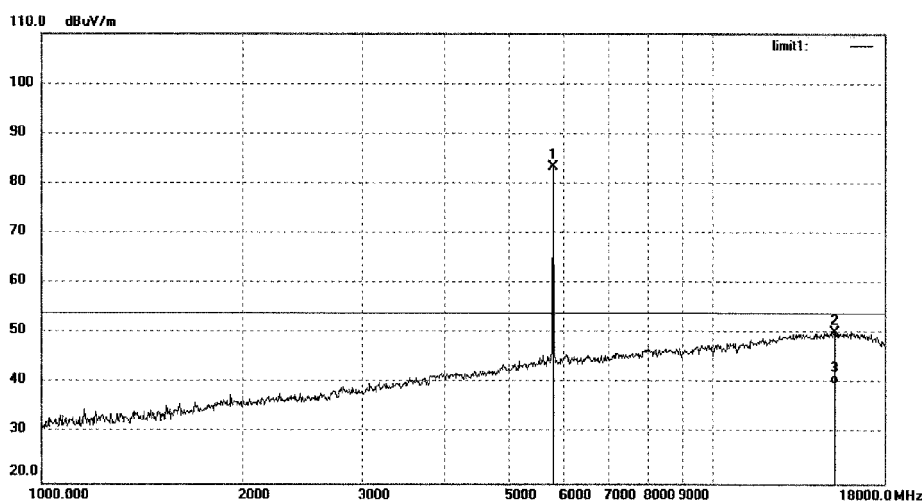
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5805.000	81.41	1.98	83.39	/	/	peak			
2	15221.824	9.56	40.66	50.22	74.00	-23.78	peak			
3	15221.824	-0.76	40.66	39.90	54.00	-14.10	AVG			


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Job No.: YULIAH #560

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 5825MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

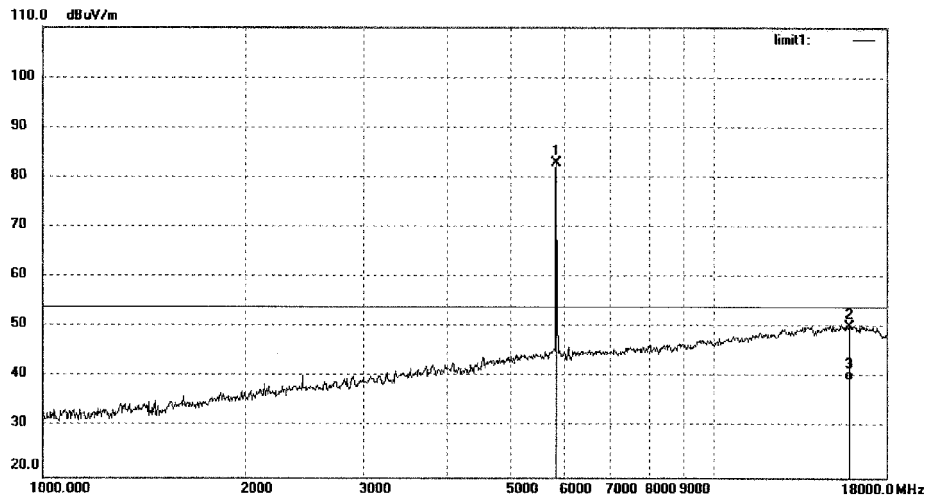
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5825.000	81.02	1.97	82.99	/	/	peak			
2	15896.290	10.28	40.02	50.30	74.00	-23.70	peak			
3	15896.290	-0.59	40.02	39.43	54.00	-14.57	AVG			


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Job No.: YULIAH #559

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 5825MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

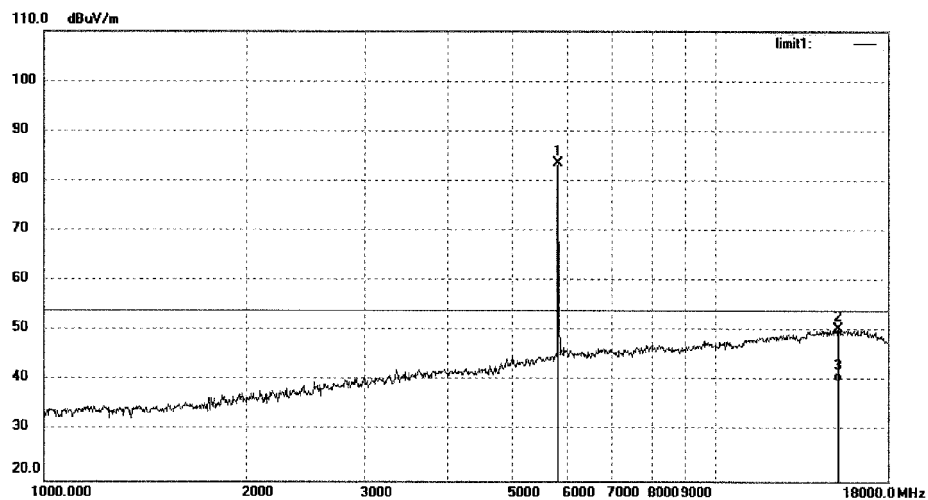
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5825.000	81.50	1.97	83.47	/	/	peak			
2	15221.824	9.86	40.66	50.52	74.00	-23.48	peak			
3	15221.824	-0.68	40.66	39.98	54.00	-14.02	AVG			

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Job No.: YULIAH #673

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 5745MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

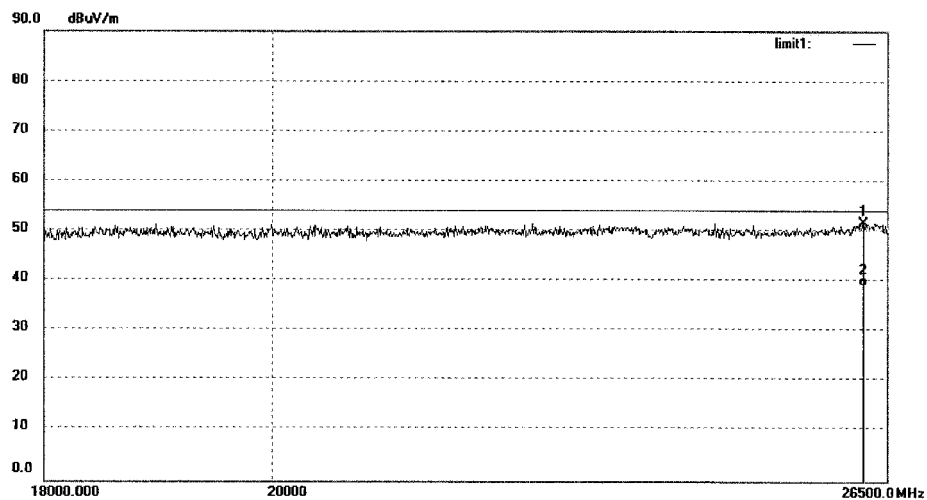
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26224.155	35.09	16.50	51.59	74.00	-22.41	peak			
2	26224.155	22.56	16.50	39.06	54.00	-14.94	AVG			

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Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: YULIAH #674

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 5745MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

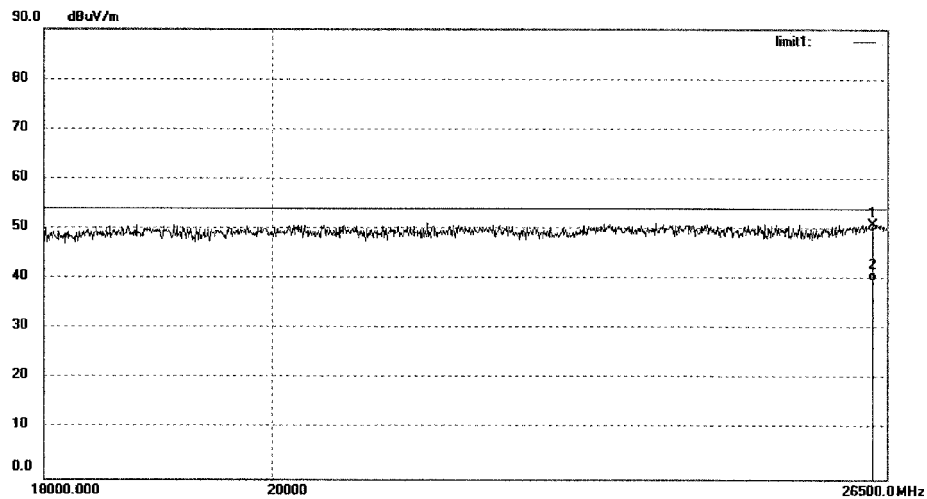
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26325.983	33.96	17.02	50.98	74.00	-23.02	peak			
2	26325.983	22.80	17.02	39.82	54.00	-14.18	AVG			

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Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: YULIAH #676

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 5765MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

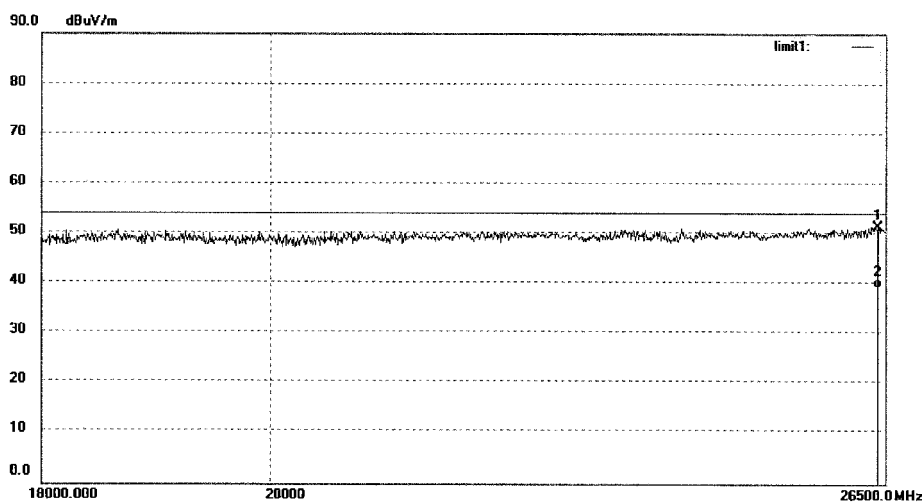
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26417.967	34.98	16.50	51.48	74.00	-22.52	peak			
2	26417.967	22.78	16.50	39.28	54.00	-14.72	AVG			


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Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: YULIAH #675

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 5765MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

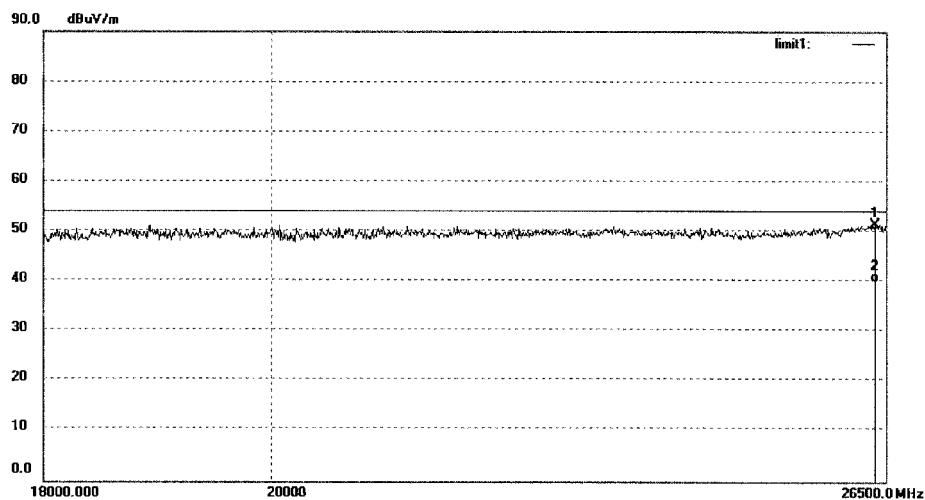
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26366.825	34.45	16.99	51.44	74.00	-22.56	peak			
2	26366.825	22.96	16.99	39.95	54.00	-14.05	AVG			

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Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: YULIAH #677

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 5785MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

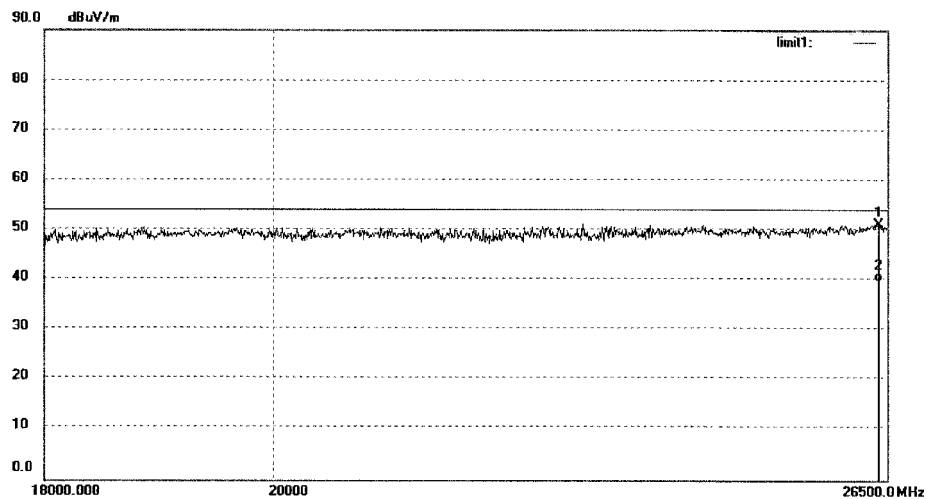
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26397.499	34.79	16.50	51.29	74.00	-22.71	peak			
2	26397.499	23.16	16.50	39.66	54.00	-14.34	AVG			


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Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: YULIAH #678

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 5785MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

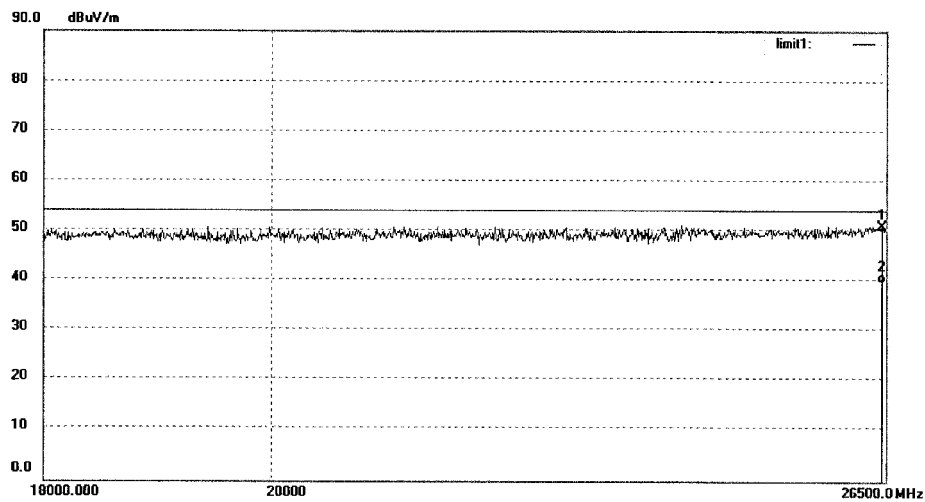
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26448.699	34.13	16.93	51.06	74.00	-22.94	peak			
2	26448.699	22.84	16.93	39.77	54.00	-14.23	AVG			

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 Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: YULIAH #680

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 5805MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

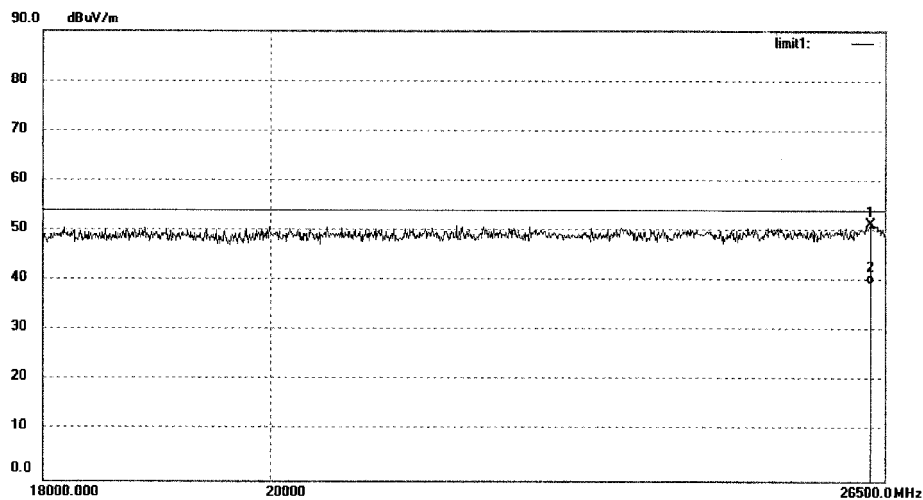
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26336.188	34.98	16.50	51.48	74.00	-22.52	peak			
2	26336.188	23.05	16.50	39.55	54.00	-14.45	AVG			


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Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: YULIAH #679

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 5805MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

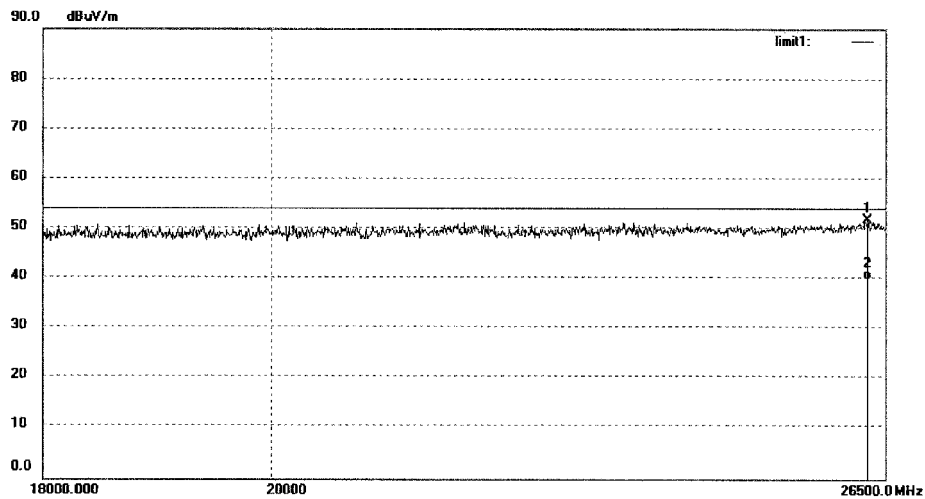
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26295.393	34.76	17.04	51.80	74.00	-22.20	peak			
2	26295.393	22.95	17.04	39.99	54.00	-14.01	AVG			

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Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: YULIAH #681

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 5825MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Horizontal

Power Source: AC 120V/60Hz

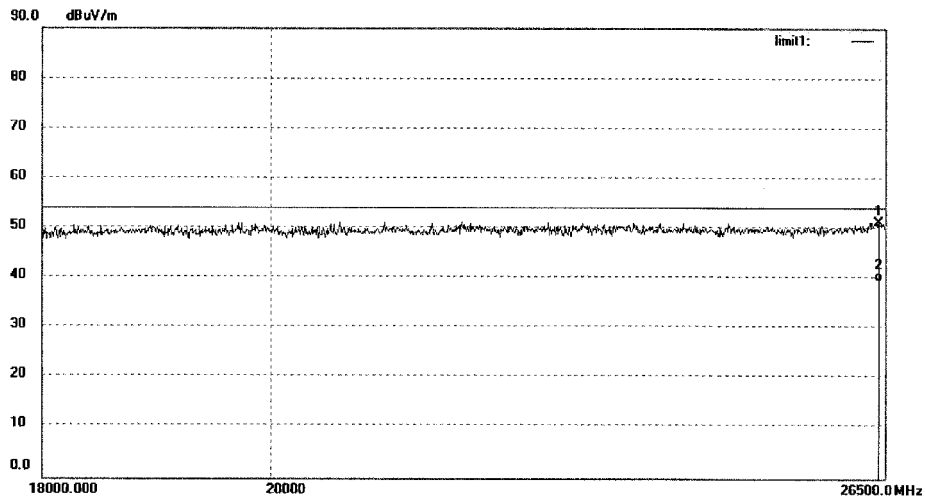
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26428.207	34.67	16.50	51.17	74.00	-22.83	peak			
2	26428.207	22.92	16.50	39.42	54.00	-14.58	AVG			

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Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: YULIAH #682

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Insignia Flex 8" WiFi Android Tablet

Mode: TX 5825MHz

Model: NS-P16AT08

Manufacturer:

Polarization: Vertical

Power Source: AC 120V/60Hz

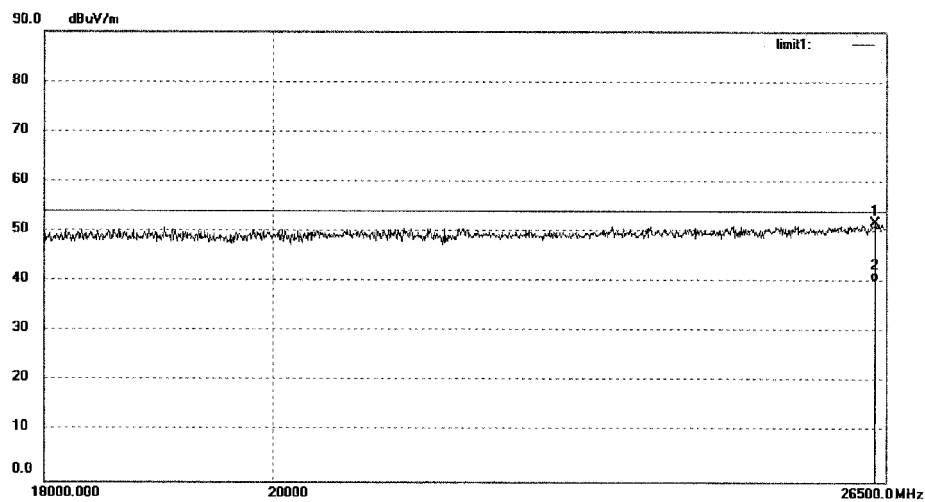
Date: 2015/05/09

Time:

Engineer Signature: PEI

Distance: 3m

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26377.046	34.80	16.98	51.78	74.00	-22.22	peak			
2	26377.046	23.24	16.98	40.22	54.00	-13.78	AVG			

EMI Sweep(1)

1 / 1

Radiated Emission

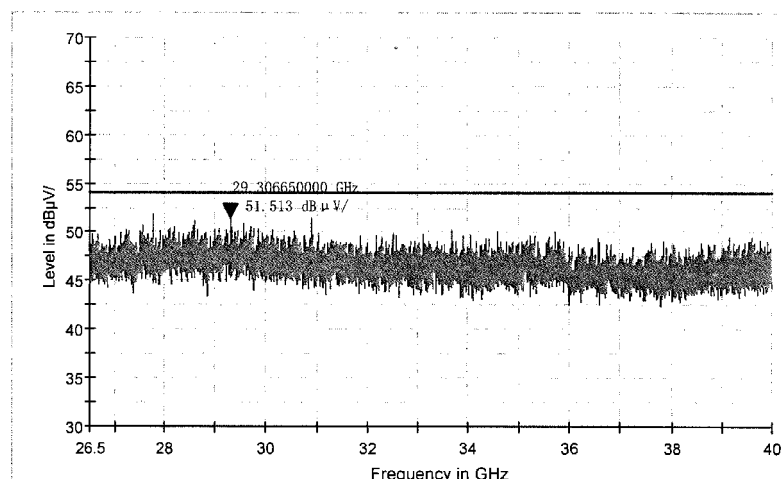
EUT Information

EUT Model Name: Insignia Flex 8" WiFi Android Tablet M/N: NS-P16AT08
Operation mode: TX 5745MHz
Test Voltage:
Comment:

Common Information

Test Site: SMQ EMC Lab.
Environment Conditions:
Antenna Polarization: Horizontal
Operator Name:
Comment:

Copy of FCC Electric Field Strength 26.5-40GHz



EMI Sweep(1)

1 / 1

Radiated Emission

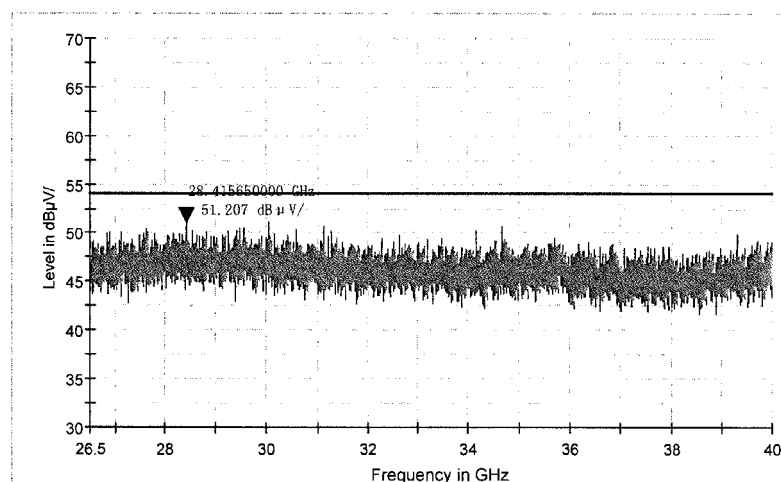
EUT Information

EUT Model Name: Insignia Flex 8" WiFi Android Tablet M/N: NS-P16AT08
Operation mode: TX 5745MHz
Test Voltage:
Comment:

Common Information

Test Site: SMQ EMC Lab.
Environment Conditions:
Antenna Polarization: Vertical
Operator Name:
Comment:

Copy of FCC Electric Field Strength 26.5-40GHz



EMI Sweep(1)

1 / 1

Radiated Emission

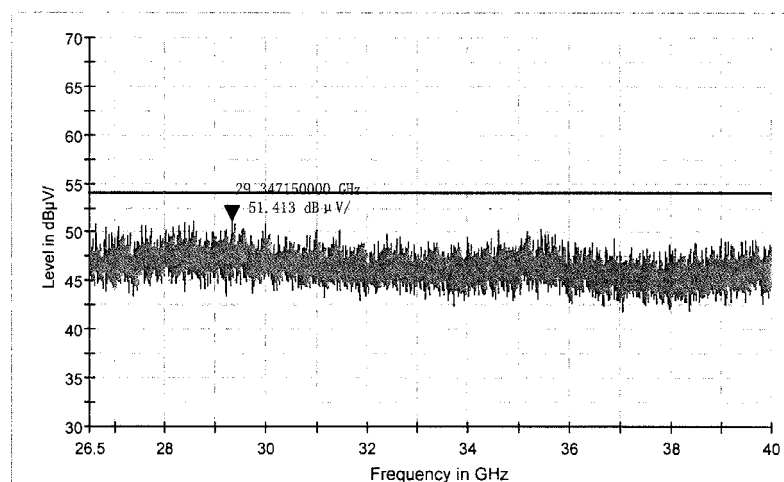
EUT Information

EUT Model Name: Insignia Flex 8" WiFi Android Tablet M/N: NS-P16AT08
 Operation mode: TX 5765MHz
 Test Voltage:
 Comment:

Common Information

Test Site: SMQ EMC Lab.
 Environment Conditions:
 Antenna Polarization: Horizontal
 Operator Name:
 Comment:

Copy of FCC Electric Field Strength 26.5-40GHz



EMI Sweep(1)

1 / 1

Radiated Emission

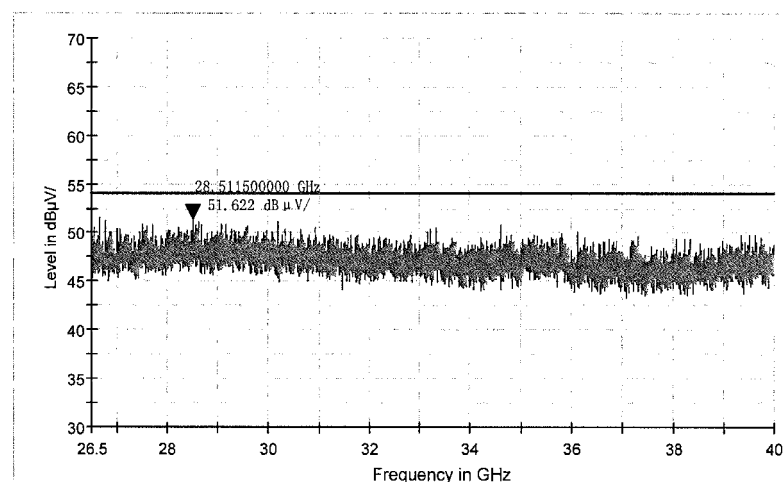
EUT Information

EUT Model Name: Insignia Flex 8" WiFi Android Tablet M/N: NS-P16AT08
Operation mode: TX 5765MHz
Test Voltage:
Comment:

Common Information

Test Site: SMQ EMC Lab.
Environment Conditions:
Antenna Polarization: Vertical
Operator Name:
Comment:

Copy of FCC Electric Field Strength 26.5-40GHz



EMI Sweep(1)

1 / 1

Radiated Emission

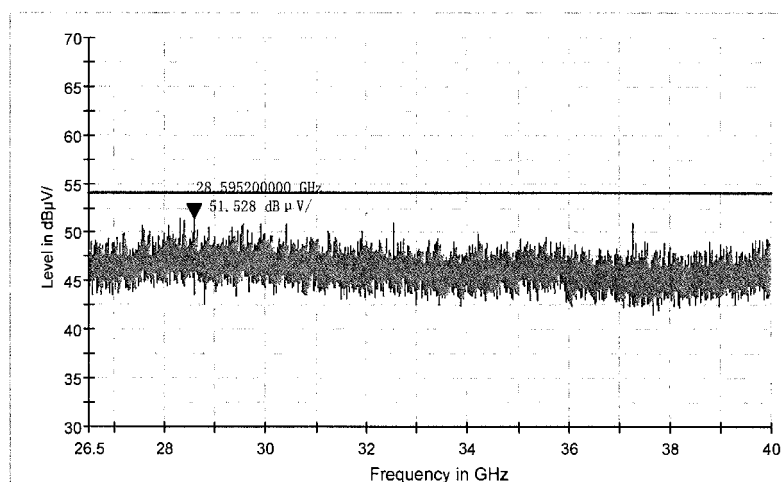
EUT Information

EUT Model Name: Insignia Flex 8" WiFi Android Tablet M/N: NS-P16AT08
Operation mode: TX 5785MHz
Test Voltage:
Comment:

Common Information

Test Site: SMQ EMC Lab.
Environment Conditions:
Antenna Polarization: Horizontal
Operator Name:
Comment:

Copy of FCC Electric Field Strength 26.5-40GHz



EMI Sweep(1)

1 / 1

Radiated Emission

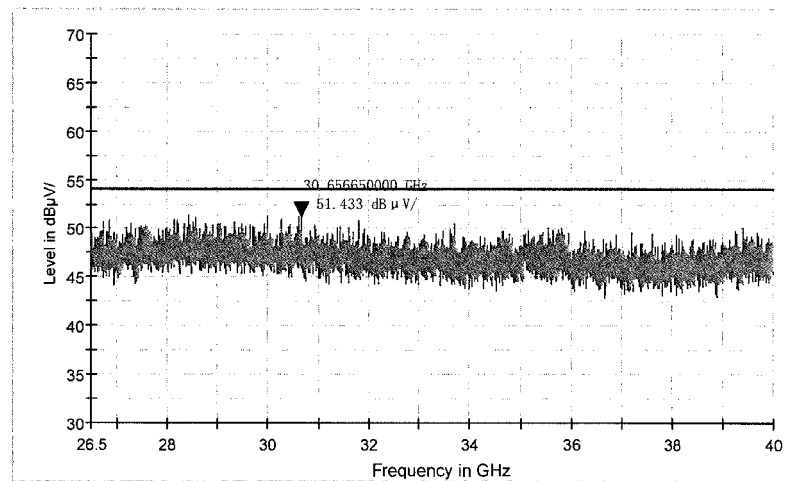
EUT Information

EUT Model Name: Insignia Flex 8" WiFi Android Tablet M/N: NS-P16AT08
Operation mode: TX 5785MHz
Test Voltage:
Comment:

Common Information

Test Site: SMQ EMC Lab.
Environment Conditions:
Antenna Polarization: Vertical
Operator Name:
Comment:

Copy of FCC Electric Field Strength 26.5-40GHz



EMI Sweep(1)

1 / 1

Radiated Emission

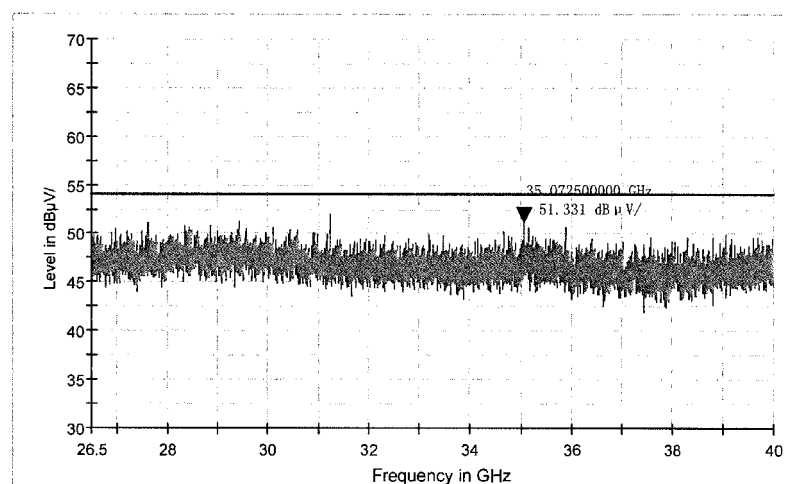
EUT Information

EUT Model Name: Insignia Flex 8" WiFi Android Tablet M/N: NS-P16AT08
 Operation mode: TX 5805MHz
 Test Voltage:
 Comment:

Common Information

Test Site: SMQ EMC Lab.
 Environment Conditions:
 Antenna Polarization: Horizontal
 Operator Name:
 Comment:

Copy of FCC Electric Field Strength 26.5-40GHz



EMI Sweep(1)

1 / 1

Radiated Emission

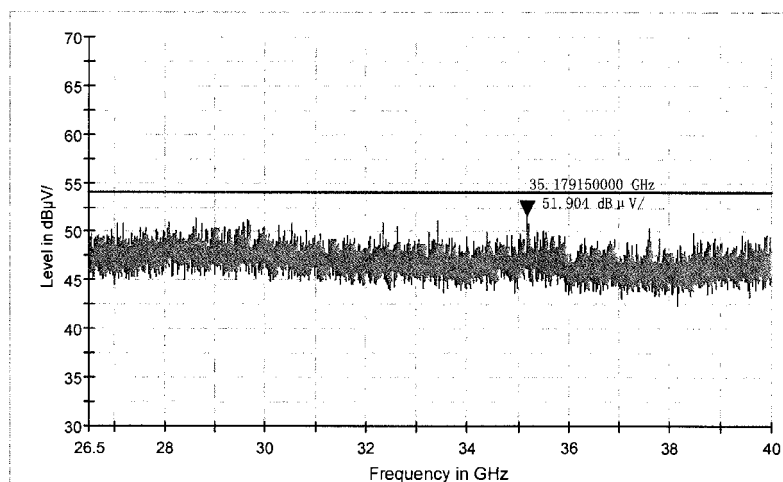
EUT Information

EUT Model Name: Insignia Flex 8" WiFi Android Tablet M/N: NS-P16AT08
Operation mode: TX 5805MHz
Test Voltage:
Comment:

Common Information

Test Site: SMQ EMC Lab.
Environment Conditions:
Antenna Polarization: Vertical
Operator Name:
Comment:

Copy of FCC Electric Field Strength 26.5-40GHz



EMI Sweep(1)

1 / 1

Radiated Emission

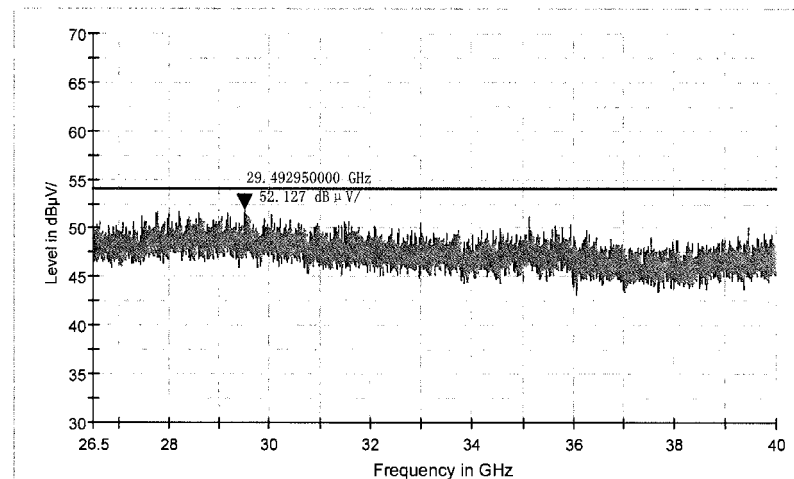
EUT Information

EUT Model Name: Insignia Flex 8" WiFi Android Tablet M/N: NS-P16AT08
Operation mode: TX 5825MHz
Test Voltage:
Comment:

Common Information

Test Site: SMQ EMC Lab.
Environment Conditions:
Antenna Polarization: Horizontal
Operator Name:
Comment:

Copy of FCC Electric Field Strength 26.5-40GHz



EMI Sweep(1)

1 / 1

Radiated Emission

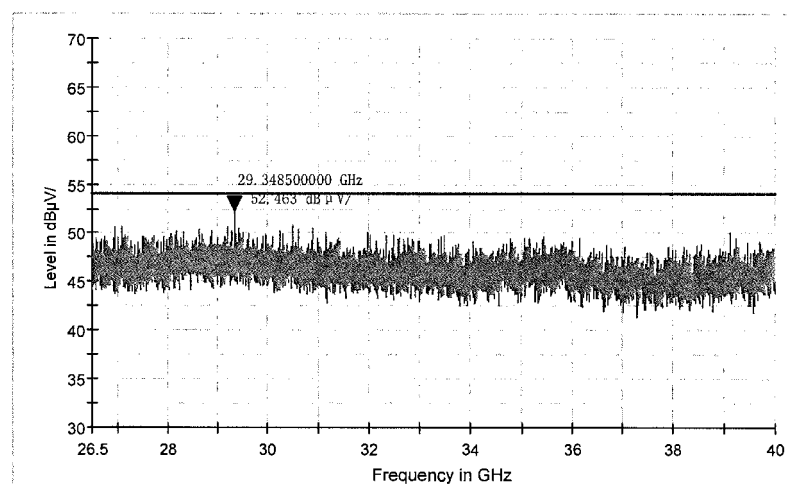
EUT Information

EUT Model Name: Insignia Flex 8" WiFi Android Tablet M/N: NS-P16AT08
Operation mode: TX 5825MHz
Test Voltage:
Comment:

Common Information

Test Site: SMQ EMC Lab.
Environment Conditions:
Antenna Polarization: Vertical
Operator Name:
Comment:

Copy of FCC Electric Field Strength 26.5-40GHz



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Test Plot of Band Edge for IC of 802.11a Band 4



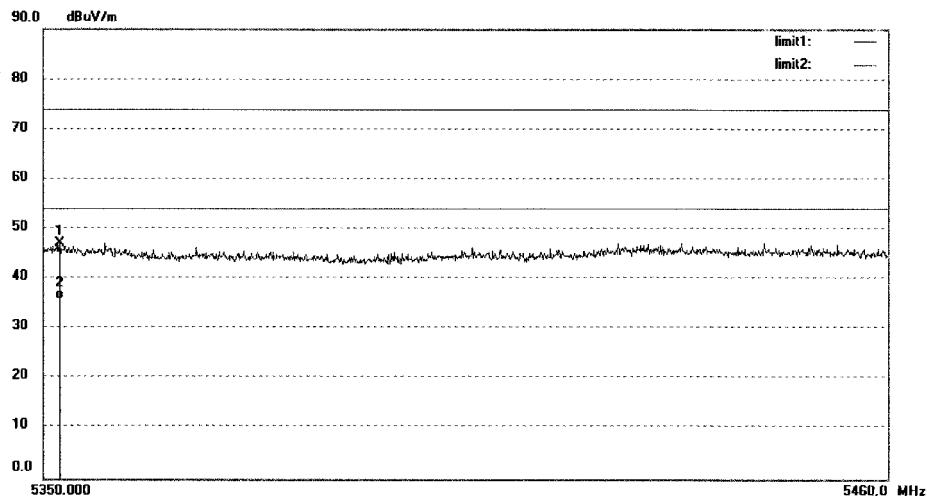
ACCURATE TECHNOLOGY CO., LTD.

F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber

Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: YULIAH #565	Polarization: Horizontal
Standard: FCC (Band Edge)	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2015/05/09
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Insignia Flex 8" WiFi Android Tablet	Engineer Signature: PEI
Mode: TX 5745MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	
Note: 802.11a	



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5352.090	46.41	0.83	47.24	74.00	-26.76	peak			
2	5352.090	35.04	0.83	35.87	54.00	-18.13	AVG			


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Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: YULIAH #566

Polarization: Vertical

Standard: FCC (Band Edge)

Power Source: AC 120V/60Hz

Test item: Radiation Test

Date: 2015/05/09

Temp.(C)/Hum.(%) 23 C / 48 %

Time:

EUT: Insignia Flex 8" WiFi Android Tablet

Engineer Signature: PEI

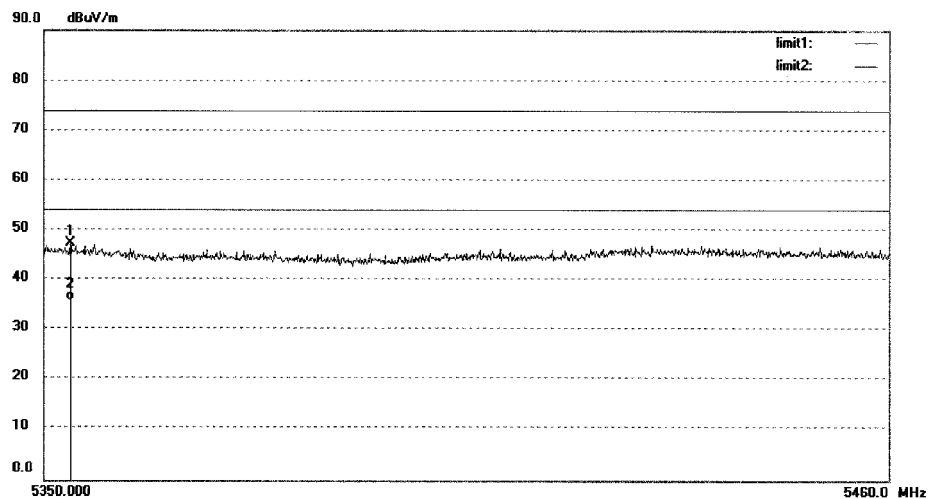
Mode: TX 5745MHz

Distance: 3m

Model: NS-P16AT08

Manufacturer:

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5353.410	46.59	0.82	47.41	74.00	-26.59	peak			
2	5353.410	34.96	0.82	35.78	54.00	-18.22	AVG			


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Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: YULIAH #568

Polarization: Horizontal

Standard: FCC (Band Edge)

Power Source: AC 120V/60Hz

Test item: Radiation Test

Date: 2015/05/09

Temp.(C)/Hum.(%) 23 C / 48 %

Time:

EUT: Insignia Flex 8" WiFi Android Tablet

Engineer Signature: PEI

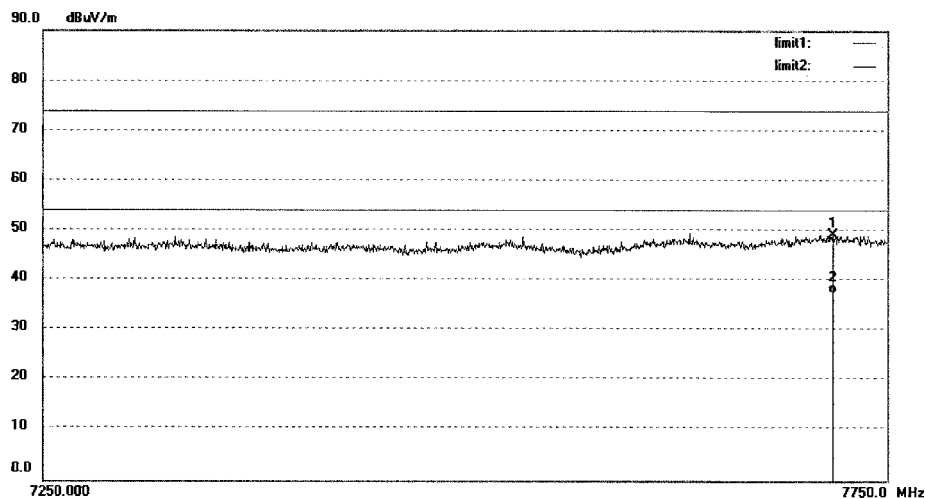
Mode: TX 5825MHz

Distance: 3m

Model: NS-P16AT08

Manufacturer:

Note: 802.11a

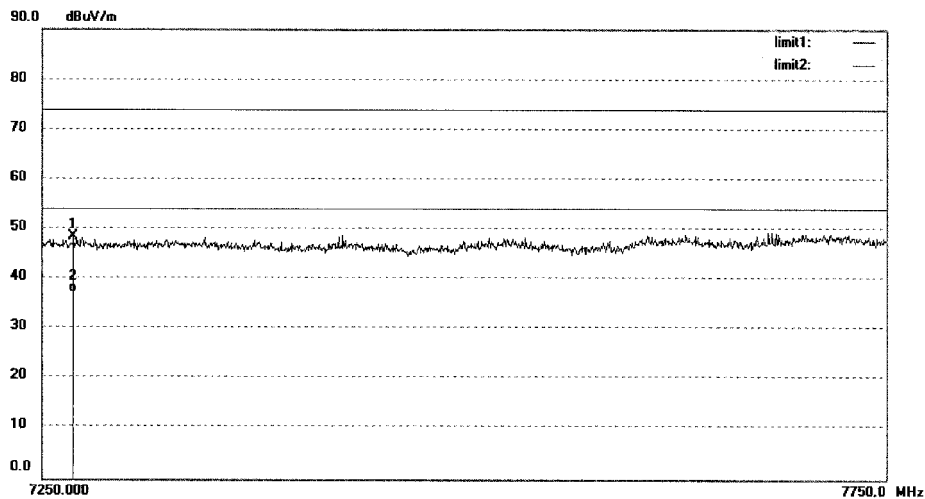


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	7717.000	43.84	5.33	49.17	74.00	-24.83	peak			
2	7717.000	32.18	5.33	37.51	54.00	-16.49	AVG			


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 F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
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 Site: 2# Chamber
 Tel:+86-0755-26503290
 Fax:+86-0755-26503396

Job No.: YULIAH #567	Polarization: Vertical
Standard: FCC (Band Edge)	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2015/05/09
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Insignia Flex 8" WiFi Android Tablet	Engineer Signature: PEI
Mode: TX 5825MHz	Distance: 3m
Model: NS-P16AT08	
Manufacturer:	
Note: 802.11a	



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	7268.000	45.28	3.11	48.39	74.00	-25.61	peak			
2	7268.000	34.13	3.11	37.24	54.00	-16.76	AVG			

5.1.8 Conducted emissions**RESULT:****Pass**

Date of testing	:	2015-05-16
Test standard	:	FCC Part 15.207 FCC part 15.407(b)(6) RSS-Gen Clause 8.8
Basic standard	:	ANSI C63.4: 2003 ANSI C63.4: 2014 ANSI C63.10: 2013
Frequency range	:	0.15 – 30MHz
Limits	:	FCC Part 15.207 Table 3 of RSS-Gen
Kind of test site	:	Shield room

Test setup

Input Voltage	:	AC 120V, 60Hz
Operation Mode	:	A
Earthing	:	Not Connected
Ambient temperature	:	25°C
Relative humidity	:	52%
Atmospheric pressure	:	101kPa

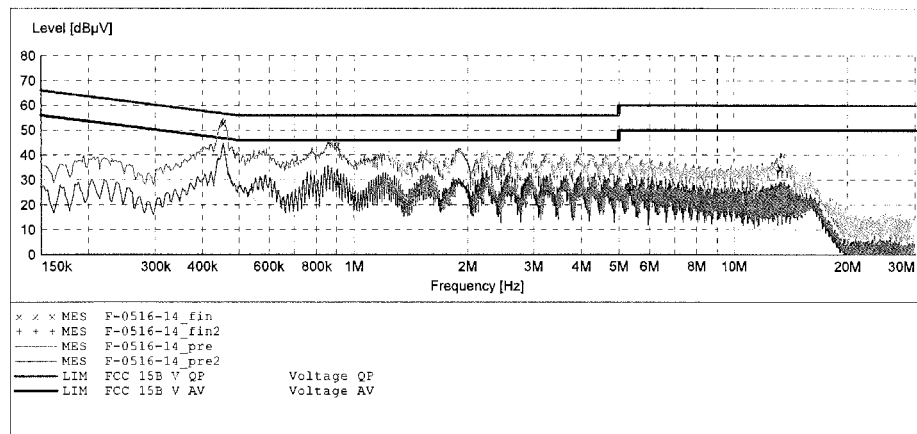
For details refer to following test plot.

ACCURATE TECHNOLOGY CO.,LTD
CONDUCTED EMISSION STANDARD FCC PART 15 B

EUT: Insignia Flex 8" WiFi Android Tablet M/N:NS-P16AT08
 Manufacturer:
 Operating Condition: On with Wi-Fi
 Test Site: 1#Shielding Room
 Operator: Pei
 Test Specification: L 120V/60Hz
 Comment: Mains Port
 Start of Test: 2015-5-16 /

SCAN TABLE: "V 150K-30MHz fin"

Short Description: _SUB_STD_VTERM2 1.70
 Start Stop Step Detector Meas. IF Transducer
 Frequency Frequency Width Time Bandw.
 150.0 kHz 30.0 MHz 4.5 kHz QuasiPeak 1.0 s 9 kHz NSLK8126 2008
 Average


MEASUREMENT RESULT: "F-0516-14_fin"

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.454000	53.10	11.4	57	3.7	QP	L1	GND
0.902000	43.80	11.6	56	12.2	QP	L1	GND
13.326500	34.90	11.9	60	25.1	QP	L1	GND

MEASUREMENT RESULT: "F-0516-14_fin2"

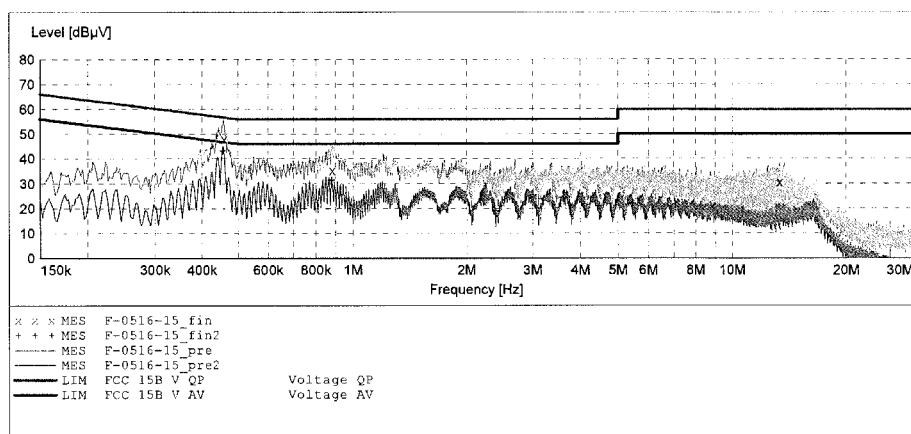
Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.454000	43.40	11.4	47	3.4	AV	L1	GND
0.908000	28.10	11.6	46	17.9	AV	L1	GND
5.339000	25.90	11.8	50	24.1	AV	L1	GND

ACCURATE TECHNOLOGY CO.,LTD
CONDUCTED EMISSION STANDARD FCC PART 15 B

EUT: Insignia Flex 8" WiFi Android Tablet M/N:NS-P16AT08
 Manufacturer:
 Operating Condition: On with Wi-Fi
 Test Site: 1#Shielding Room
 Operator: Pei
 Test Specification: N 120V/60Hz
 Comment: Mains Port
 Start of Test: 2015-5-16 /

SCAN TABLE: "V 150K-30MHz fin"

Short Description: _SUB_STD_VTERM2 1.70
 Start Stop Step Detector Meas. IF Transducer
 Frequency Frequency Width Time Bandw.
 150.0 kHz 30.0 MHz 4.5 kHz QuasiPeak 1.0 s 9 kHz NSLK8126 2008
 Average


MEASUREMENT RESULT: "F-0516-15_fin"

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.458000	48.00	11.4	57	8.7	QP	N	GND
0.882000	35.30	11.6	56	20.7	QP	N	GND
13.398500	30.70	11.9	60	29.3	QP	N	GND

MEASUREMENT RESULT: "F-0516-15_fin2"

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.456000	43.10	11.4	47	3.7	AV	N	GND
0.878000	31.30	11.6	46	14.7	AV	N	GND
5.460500	22.10	11.8	50	27.9	AV	N	GND

6. Photographs of the Test Set-Up

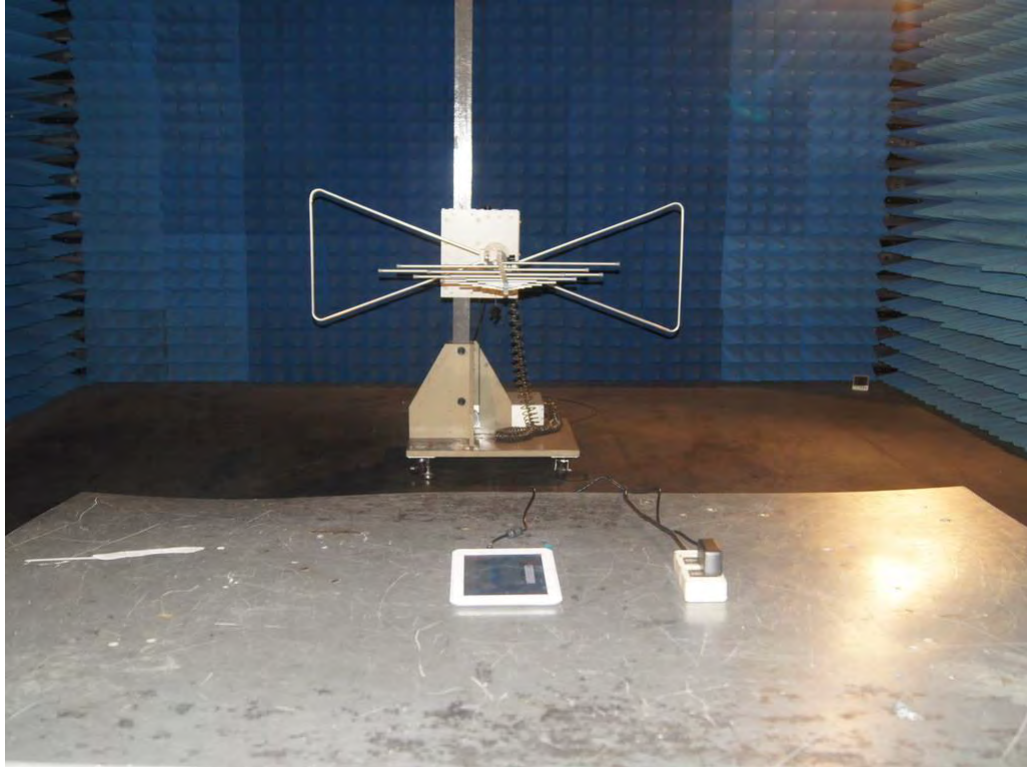
Photograph 1: Set-up for Conducted Emissions



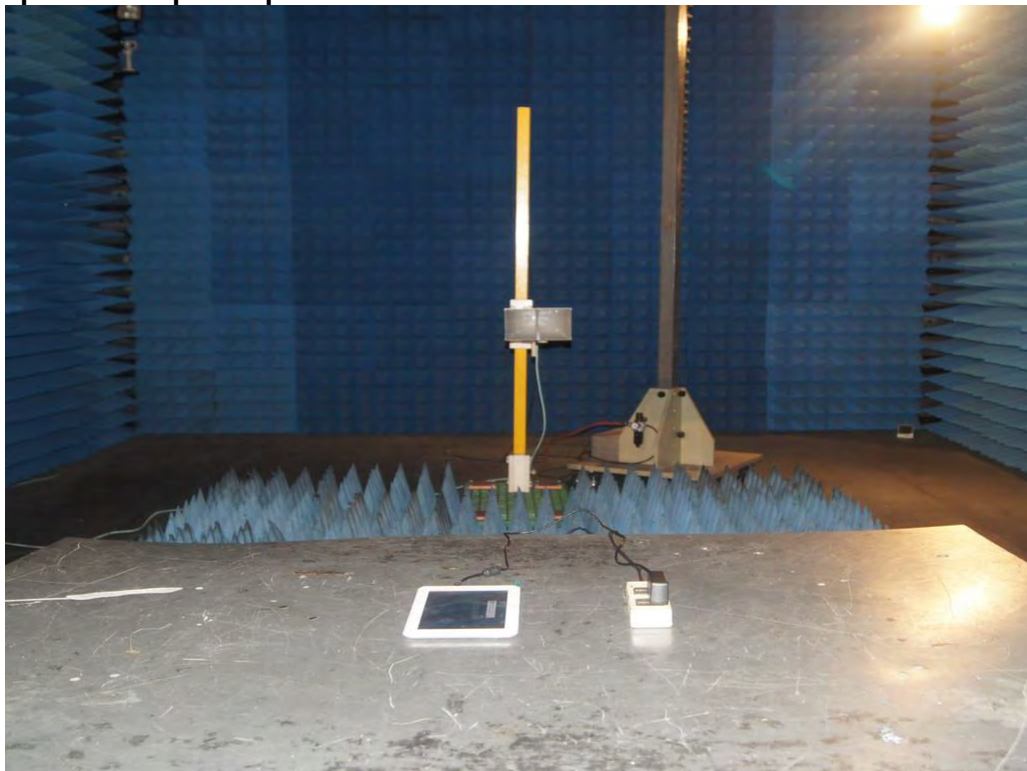
Photograph 2: Set-up for Spurious Emissions for below 30MHz



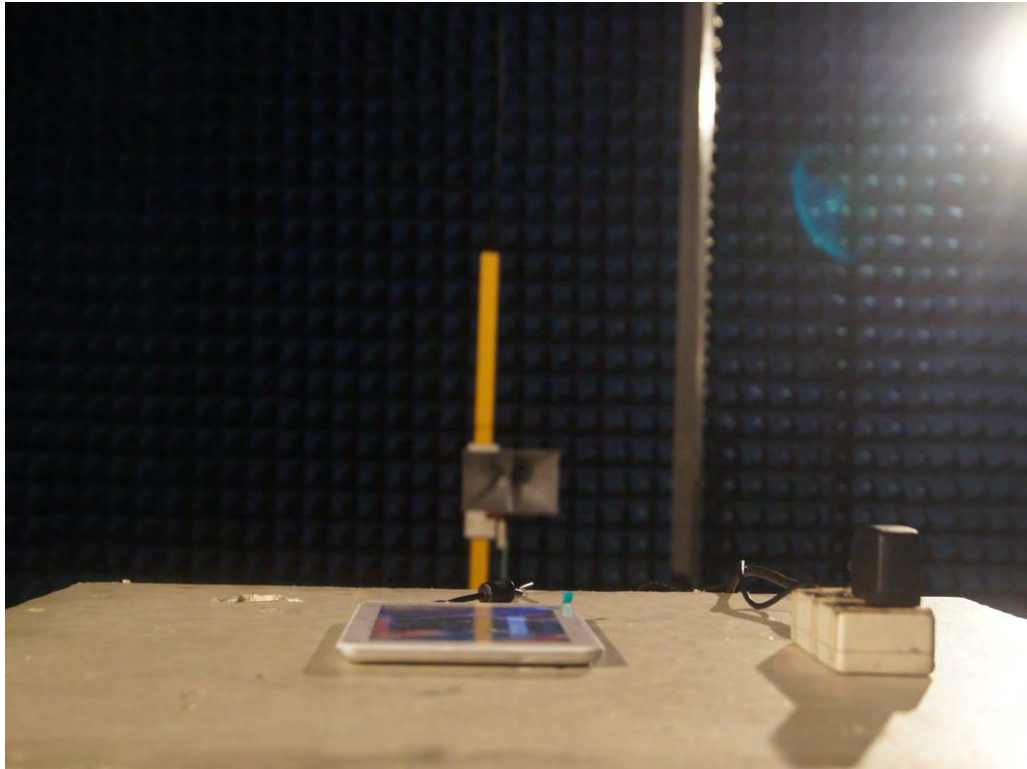
Photograph 3: Set-up for Spurious Emissions for 30 - 1000MHz



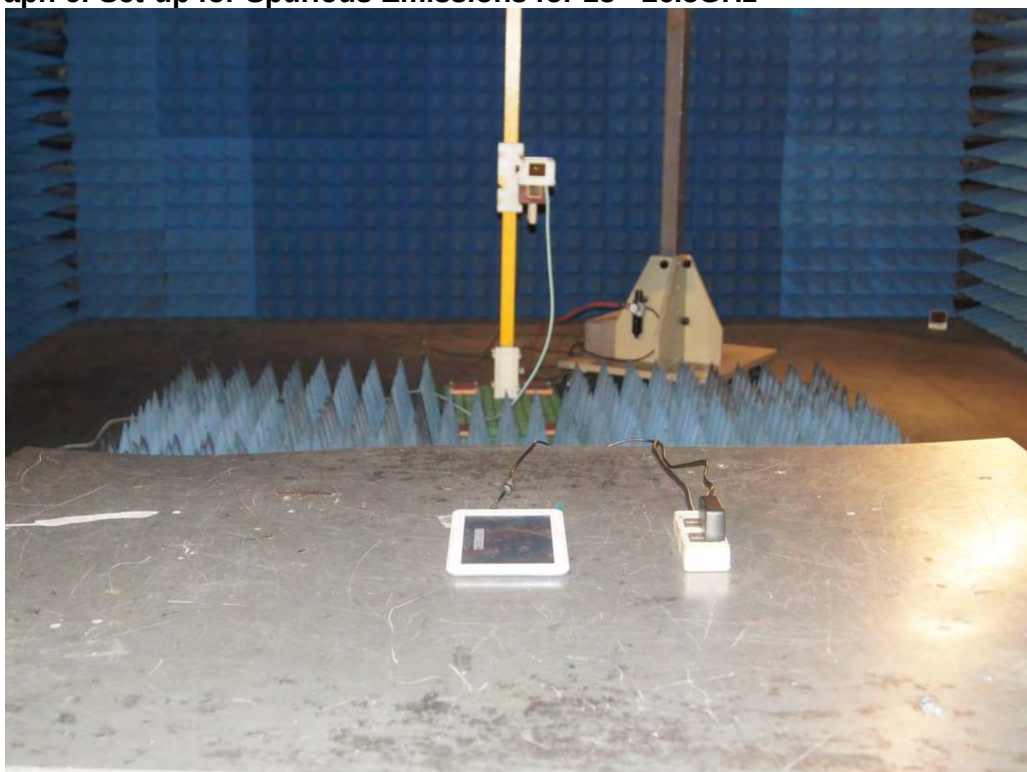
Photograph 4: Set-up for Spurious Emissions for 1 - 18GHz



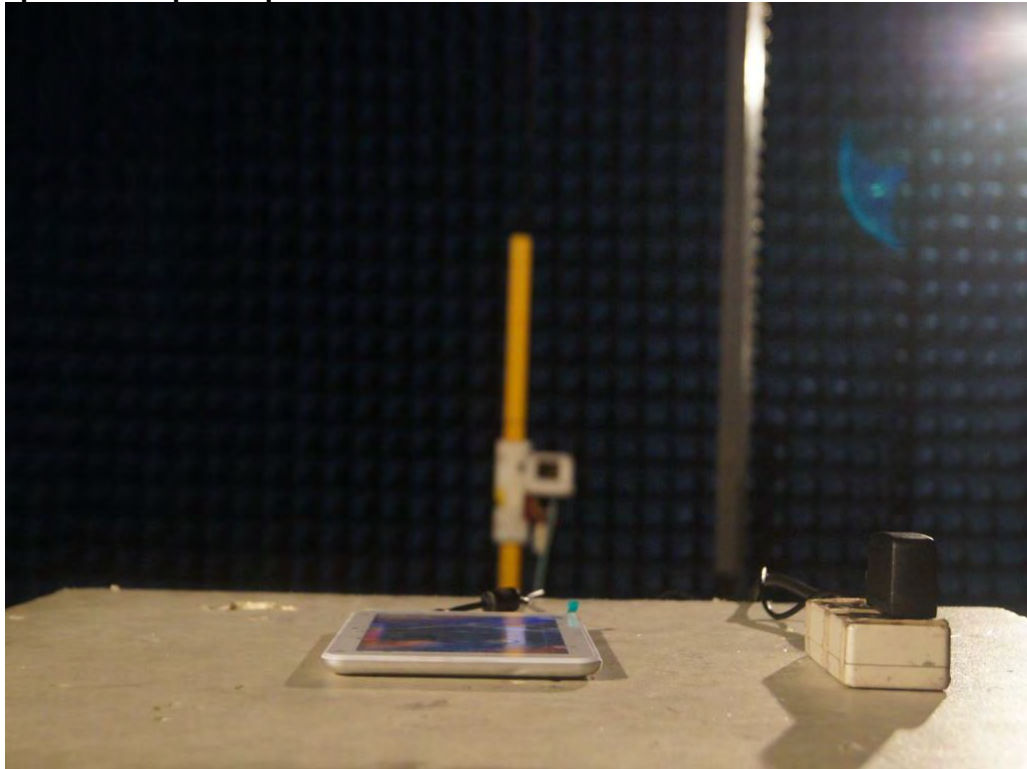
Photograph 5: Set-up for Spurious Emissions for 1 - 18GHz for IC



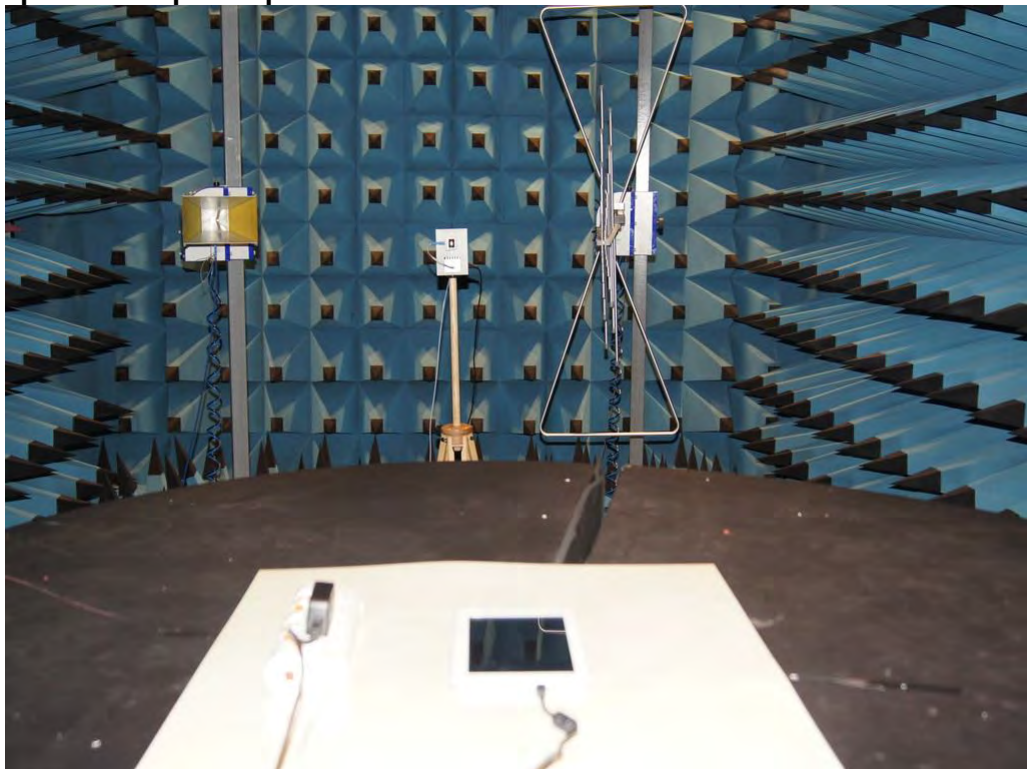
Photograph 6: Set-up for Spurious Emissions for 18 - 26.5GHz



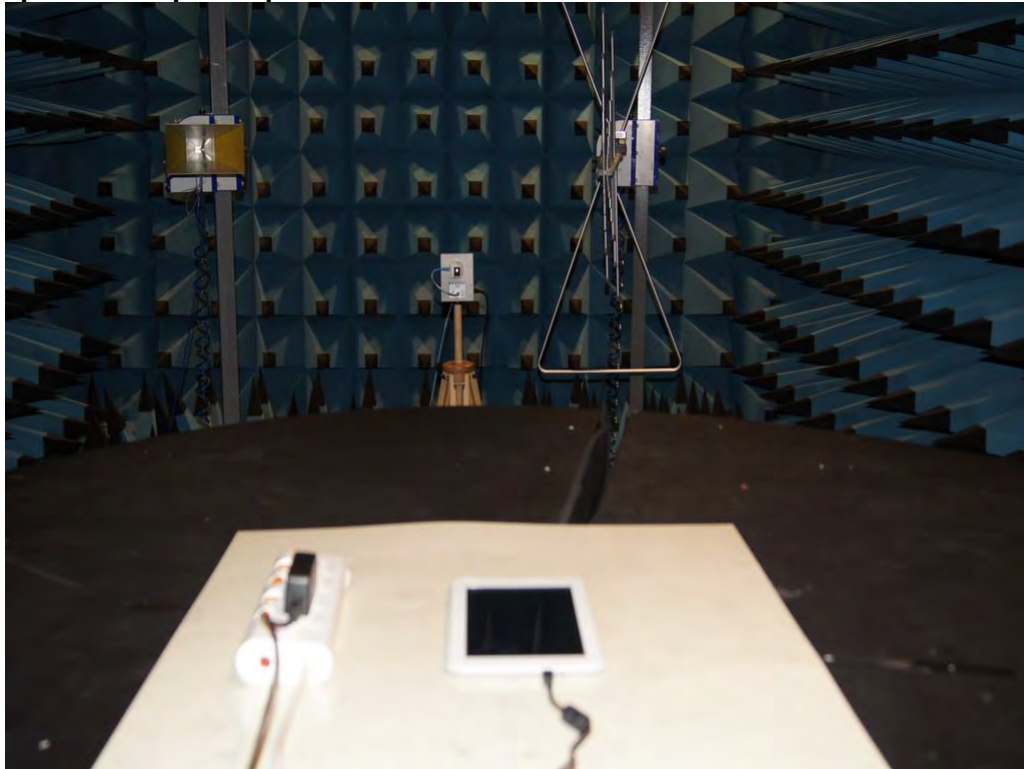
Photograph 7: Set-up for Spurious Emissions for 18 - 26.5GHz for IC



Photograph 8: Set-up for Spurious Emissions for 26.5 - 40GHz



Photograph 9: Set-up for Spurious Emissions for 26.5 - 40GHz for IC



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